



MIDSOUTH HYDRAULICS



PRODUCT CATALOG 2026



THE SOURCE FOR ALL YOUR HYDRAULIC NEEDS

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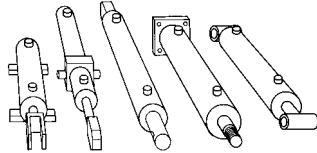
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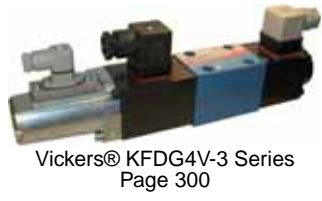


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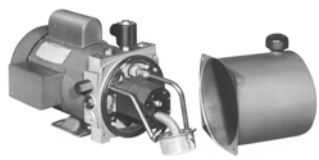
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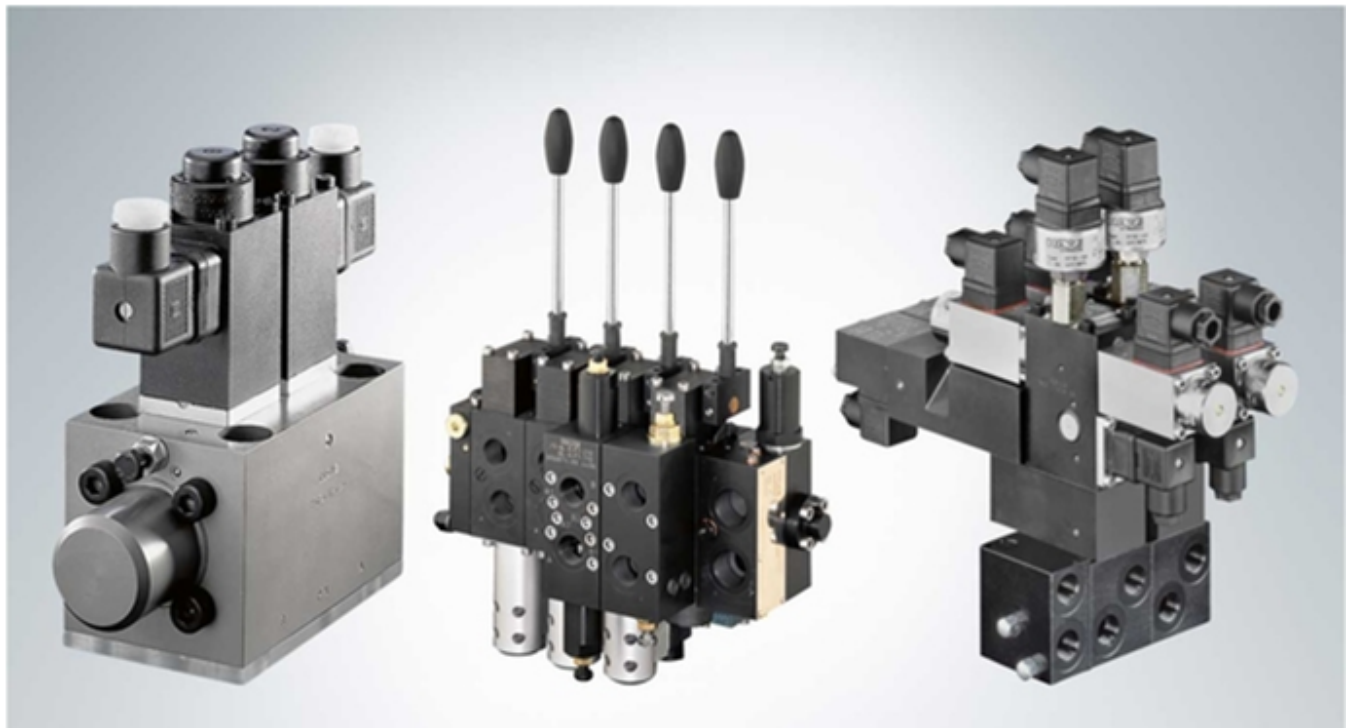
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HAWE HYDRAULIK

- Valves
- Pumps
- Cylinders
- Motors



**Hawe Hydraulik products
are now available at HSC**



Stock Item Catalog

Only items we stock are shown in this catalog (Some exceptions, see below). If you do not find what you are looking for, please contact us. We should be able to help you. A substantial percentage of our sales is for "non-stock" items.

Normal and Bold fonts, and bullets are used in the tables to specify where the item is stocked:

- Normal Catalog Part No. Item is stocked only at our Distribution Center.
- Bold** Catalog Part No. Item is stocked at our Distribution Center and at every branch location.
- Bulleted Catalog Part No. Item is stocked at our Distribution Center and at certain branch locations.
(All are subject to change)

Some Non-Stock Items Shown

An underlined Model Number or Part Number in the second column in the tables designates a non-stock item. Any table with non-stock items in it will have a note that calls this to your attention.

Dimensions

All dimensions are in inches unless stated otherwise.

Weights

All weights are in pounds. All weights are unit weights, unless stated otherwise. Weight listed on some products may vary due to different packaging used by product manufacturer.

Prices

Prices are not shown. For your current price, contact Customer Service, or visit our web site at www.hydraulic-supply.com and click on "Join" to access the e-commerce features of our site.

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Digital Stock Products Catalog

This catalog is also available digitally on a CD or from our web site. The digital version uses Adobe Acrobat Reader software. A powerful Search Index is included which can rapidly locate products when using the Search feature. Catalog CD's may be requested by phone (800-507-9651), by fax (954-845-9113) or downloaded on-line at <http://www.hydraulic-supply.com>.

Abbreviations and Symbols Used

@	At	ft.	Feet	%	Percent
Cd.	Code	gpm	Gallons per minute	Pkg.	Package
cc	Cubic centimeter	Hz	Hertz	PSI	Pounds per square inch
cSt	Centistokes	I.D.	Inside diameter	Qty.	Quantity
cu.in.	Cubic inch	in.	Inch	rpm	Revolutions per minute
cu.in./rev	Cubic inch per revolution	in./Hg.	Inches of mercury	sq.in.	Square inches
Dec.	Decimal	lb	Pounds	ss	Stainless steel
deg.F.	Degrees Farenheit	lb-ft	Foot pounds	St.Thd.	Straight thread
°	Degrees	lb-in	Inch pounds	SUS	Saybolt Universal Seconds
°F	Degrees Farenheit	Min.	Minimum	Temp.	Temperature
Dia.	Diameter	Max.	Maximum	Wt.	Weight
ΔP	Differential Pressure	mm	Millimeter		
Displ.	Displacement	Nom.	Nominal		
Freq.	Frequency	O.D.	Outside diameter		

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Ordering Information

Hydraulic Power & Control

Product Selection & Application

The determination and methods of the use, suitability, installation and design application for the parts and assemblies we sell is the responsibility of the purchaser.

Hose conforms to the specification and requirements specified by the hose manufacturer.

If you need specific product information on our products or assemblies, we are glad to provide it upon request.

We also have available, upon request, brochures and information regarding general use and safety issues for hydraulic products and assemblies.

Warranty

Our warranty is in this catalog (page 70), on our credit application, on our web site, and is available at all our local stores and on request. We provide our warranty or we extend the manufacturer's warranty where applicable.

Pneumatic Power & Control



Hose Application Warnings

Agency and industry standards may apply to your application. It is your responsibility to decide what regulations and/or standards apply, and inform us. We will then advise you if the products selected meet those standards.

Improper selection, installation and/or routing may significantly shorten the life of a hydraulic hose, which could result in hose rupture and failure, which may then result in serious personal injury or property damage.

Most hydraulic fluids are flammable and proper safeguards have to be taken to contain any fluid if a hose failure occurs in an environment with a source of ignition.

Hoses have a service life, and high, repetitive shock reduces hose service life. You need to inspect and change out hoses within their service life for your application or hose rupture and failure may occur.

S. T. A. M. P. - You must consider the **S**ize, **T**emperature, **A**pplication, **M**edium and **P**ressure when selecting hose and hose fittings.

Fluid Conveying

For your application, review the **Important Safety Information** starting on page 1509 .

If you don't already have the proper training or information, ask for:

Eaton/Aeroquip Fluid Conveyance Products Catalog A-HOOV-MC001-E1

Warnings - pages 11-12

Fluid Compatibility - pages 349-355 (this catalog page 1511)

SAE Recommended Practices (SAE J1273) - page 356 (this catalog page 1509)

Hose Routing & Installation - page 359 (this catalog page 1518)

Thread Style Pressure Performance - page 376 (this catalog page 1503)

Aeroquip's "How to Identify Fluid Ports and Connectors" (E-SROV-TS009-E)

Aeroquip's "Matchmate Plus™ The 3 Minute Crimp Hose Assembly System" (A-HX-MC-001-E)

Aeroquip's "Routing Hose and Tubing" (JA412)

Aeroquip's "Performance Products" (A-SPPE-MC001-E2)

Miscellaneous Products

Eaton/Aeroquip catalogs are also available for download at <http://hydraulics.eaton.com/products/>

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Ordering Information

Placing an Order

By Phone **800-507-9651** Toll-free from USA and the Caribbean.
954-845-1040 Local phone number.
800-507-9651 24 hour Emergency Service.

By Fax or E-Mail or Mail

When ordering by fax (**954-845-9113**) or E-mail (**sales@hydraulic-supply.com**) or Mail, please be sure to include the following:

Purchase Order Number (if we need one).

Your name, area code, phone number, fax number and e-mail address.

"Ship to" address if different from "Bill to".

Shipping instructions (carrier).

Complete catalog description including catalog part number, model number, quantity, etc.

If it's your policy to issue a confirming order following phone orders, please mark the order "confirming".

Mailing Address - Hydraulic Supply Co. 300 International Parkway Sunrise, FL 33325.

By visiting a branch office Local service is provided at our branch locations listed on page 73 .

By Internet Visit Our web site at www.hydraulic-supply.com and click on "Join" to access the e-commerce features of our site

By EDI Please call for details.

By Bin Management System / Modem Please call for details.

Minimum Order No minimum order is required.

Opening an Account

Fill out credit application on page 71 and fax in.

If purchases are exempt from Florida sales tax, please furnish a signed copy of your Annual Resale Certificate (Form DR-13).

In Georgia, please furnish a signed copy of your Georgia State Sales Tax Exemption Certificate.

In Tennessee, please furnish a signed copy of your Tennessee Department of Revenue Blanket Certificate of Resale.

Credit Cards We accept MasterCard, Visa and American Express.

Same Day Shipping Orders placed by 4pm will ship the same day.
Orders placed after 4pm can ship same day provided special arrangements are made.

Quotations If you need a written quotation, please let us know.

Terms & Conditions See page 70 .

Note: Some items are only available for sale in our Approved Trading Areas.

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Pneumatic Power & Control

Fluid Conveying

Miscellaneous Products

Indexes & Technical Information



Terms & Conditions



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Pneumatic Power & Control
Fluid Conveying
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Pricing - Prices shown in this catalog are subject to change without notice and are not to be construed as a definite quotation or offer to sell by Hydraulic Supply Co. This catalog is maintained only as a source of general information, and any prices shown herein are subject to confirmation with a specific quotation. Orders are billed at the prices in effect at the time of shipment. Prices are FOB Factory.

Specifications - Specifications are subject to change without notice.

Cross Reference Information - Product cross-reference comparisons do not imply that all products compared are available, or in the case of functional equivalency, that performance and other characteristics are exactly comparable. For critical applications, review specifications prior to purchase.

Quotations - Quotations on large quantities are available on request. All written quotations automatically expire within thirty (30) days from the date quoted.

Taxes - Hydraulic Supply Co. is required to charge state and local tax on items for which a sales tax exemption certificate has not been provided.

Freight Policy - Unless otherwise requested by the buyer, material will be shipped via carriers of our choice with shipping, handling and packaging charges prepaid and added to the invoice. Note: We only insure if specifically requested by the buyer, with insurance charges prepaid and added to the invoice.

Order Cancellation - Any cancellation must be approved by Hydraulic Supply Co., and may be subject to restocking and other charges.

Payment Terms - Payment terms to Customers with satisfactory credit are Net 30 Days, meaning payment is due within 30 days from date of invoice. Customers agree to collection and/or attorney fees not exceeding 30% of amount past due in case of default of payment

Damaged Shipment - Merchandise shipped is carefully packed in compliance with carrier requirements. Title and risk of loss pass to the customer upon tender of shipment to the carrier. If product is damaged in transit, consignee must file claim with the carrier.

Shortages - All claims for shortage or shipment errors must be made within 10 days after receipt of shipment.

Returned Material Policy - We will normally accept returned material under the following conditions: A copy of the invoice is furnished. The material is returned within 30 days from date of invoice. The material is in new resalable condition (unused, unpainted, etc.). The material is normal stock for us (not special order). Please call for a Return Authorization Number (RMA) prior to returning any material. Returned material must be accompanied with the RMA Number.

Limited Warranty - Seller warrants for 90 days from the date of sale that the equipment sold, as described hereon, shall be free from defects in material and workmanship. Seller's liability under this warranty is limited to repair or replacement of any part or parts of said equipment which shall be returned to seller, shipping charges prepaid and which seller's examination discloses to its sole satisfaction to be defective. This is seller's only warranty. By accepting the equipment under this warranty, buyer acknowledges that said equipment is being sold under no other written or oral warranties, neither expressed or implied, of any kind whatsoever such as, but not necessarily limited to, warranty of merchantability of fitness.

Warranty Disclaimer - Hydraulic Supply Co. has made a great effort to illustrate and describe the products in this catalog accurately. However, such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are MERCHANTABLE, or FIT FOR A PARTICULAR PURPOSE, or that the products will necessarily conform to the illustrations or descriptions. No warranty or affirmation of fact, express or implied, other than as set forth in the limited warranty statement above is made or authorized by Hydraulic Supply Co.

Repair Warranty - All repairs are warranted for 90 days from the date of invoice. This warranty is limited to the cost of the repair only.

Limitation of Liability - Any liability for consequential and incidental damages is expressly disclaimed. Hydraulic Supply Co.'s liability in all events is limited to, and shall not exceed, the purchase price paid.

Manufacturers' Warranties / MSDS Sheets - Most of the products listed in this catalog are warranted by their manufacturer. Copies of such warranties are available free of charge. Requests should include the catalog part number (if any) and the manufacturer's model number for each item involved. Material Safety Data Sheets (MSDS) are also available upon request. Address requests to: Hydraulic Supply Co., 300 Int'l Pkwy, Sunrise, FL 33325.

***** NOTE *****

Please see our website for the most up-to-date terms:
<http://www.hydraulic-supply.com/html/terms.htm>





Credit Application

Request by: Name: _____ E-mail: _____

Billing Information:

Company Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

Contact: _____ E-mail: _____

Shipping Information:

Company Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

Contact: _____ E-mail: _____

Company Information:

Accounts Payable Contact: _____

Sales Contact: _____

Line of Business: _____ Year Established: _____

Size of Business (Small/Large): _____ Own/Rent/Lease: _____

Length of time at present address: _____ Number of employees: _____

Anticipated amount of monthly credit: _____ Owner/President: _____

Secretary: _____ Treasurer: _____

Please indicate FL/GA/NC/SC/TN/AL Sales Tax Status: Charge tax (Yes/No): ____ Is Purchase Order Required (Yes/No): ____

Trade References:

#1: Company Name: _____ Contact: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____ E-mail: _____

#2: Company Name: _____ Contact: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____ E-mail: _____

#3: Company Name: _____ Contact: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____ E-mail: _____

Payment Terms Our terms are Net 30 Days, meaning payment is due within 30 days from date of invoice. In case of default of payment, customers agree to collection and/or attorney fees not exceeding 30% of amount past due.

Returned Material Policy We will normally accept returned material under the following conditions: 1. A copy of the invoice is furnished. 2. The material is returned within 30 days from date of invoice. 3. The material is in new resalable condition (unused, unpainted, etc.). 4. The material is normal stock for us (not special order). Returned material should be paid for when due. Restocking charges may apply.

Retained Title / Warranty Our invoice contains a retained title and warranty as follows:

The buyer hereby grants to Aero Hardware & Supply, Inc. a security interest in the equipment described in this invoice. To secure the debtor's payment for the equipment, title to said equipment shall remain in the seller until payment in full is made by the buyer. If the buyer defaults in such payment, the seller may declare all sums payable by the buyer hereunder immediately due payable and the seller may replevin the equipment and or exercise all of the rights and remedies of a secured party under the Uniform Commercial Code. Reasonable attorney's fees of the secured party in enforcing any right or exercising any remedy hereunder upon default of the buyer shall be paid to the seller by the buyer.

Seller warrants for 90 days from the date of sale that the equipment sold, as described hereon, shall be free from defects in material and workmanship. Seller's liability under this warranty is limited to repair or replacement of any part or parts of said equipment which shall be returned to seller, shipping charged prepaid and which seller's examination discloses to its sole satisfaction to be defective. This is seller's only warranty. By accepting the equipment under this warranty, buyer acknowledges that said equipment is being sold under no other written or oral warranties, neither expressed or implied, of any kind whatsoever such as, but not necessarily limited to, warranty of merchantability of fitness.

If you have any questions concerning our policy, please give us a call.

We authorize Hydraulic Supply Co. to obtain information from our bank and from our creditors. We further understand that this information will be confidential.

Applicant's Signature: _____ Date: _____

Applicant's Title: _____

HSC Credit Fax Number: (954) 851-9865



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Representative Lines

Hydraulic Power & Control

Accumulators, Inc.
Adaptall
Aeroquip®
Air Logic
AIRTEC Pneumatics
Alemite
Alkon
Allied Witan
American Couplings
American Cylinder
Anchor Brass

Daman Products
David Brown
Delsteel
Delta Power Hydraulic
Deltrol Fluid Products
Dill Tire Service Products
Dixon Valve & Coupling
DMIC
Doering Company
Durst Power
Transmission

Hydreco
Hypac
Hypro
Ingersoll-Rand / ARO®
Jefferson Solenoid
Valves
Kar-Tech
Kawasaki
Kinedyne
Kocsis Technologies
Kuriyama

Reel Craft Industries
SAI Hydraulics
Salami
Schroeder
SLI (Control Enterprises)
Snap Tite
Spartan Scientific
Speciality Fittings
America

Pneumatic Power & Control

Anchor Fluid Power
Anderson Brass
Apollo®
ARO® (Ingersoll-Rand)
Arrow Hose (Eaton)
Ashcroft
Attica Hydraulic
Auburn Gear
Ausco Products
BSF Inc.
Band-It

ENFM
Eaton Corporation
Enerpac
Europower
Felsted
Flexfab
Flo-Ezy Filters
Flo-Tork
Fulflo Specialties
Funk Mfg.
Galtech

L & L Fittings
Lantec Industries
Lincoln Lube
Linderme Copper Tubing
Lion
Lovejoy
Lube Devices
Magnaloy Coupling
Marion Manufacturing
Maurey Manufacturing
Mazzer Industries
Midway Manufacturing

SPX
SSP Fittings
SSP Instrumentation
Staffa® (Kawasaki)
Stauff
Stone/SPX
Sun-Flow
Synflex® (Eaton)
TR Engineering
Telepneumatic (Parker)

Fluid Conveying

Barco
Barksdale
Black Bruin
Brennan Industries
Boston Industrial Hose (Eaton)

Generant Company
Hannay Reels
Hawe
HDM Hydraulics
Hedland Products
Helland (Zero-Max)

Mobil Oil
Monarch Industries
Muncie Power Products
Oetiker
Pacific Echo

Thermal Transfer
Tobul Accumulator
Trident Marine
Vector Engineering
Vescor
Vickers®
Voss

Miscellaneous Products

Brand Hydraulics
Canfield Connector
C.W. Mill Equipment
Char-Lynn® (Eaton)
Concentric AB
Cross Manufacturing
Cylinders & Valves

Hercules Sealing Products
Hetric USA
Hub City
Husco
Hyco
Hydra-Zorb

Permco
PowerTeam/SPX
Pressure Devices
Pullmaster
Rawson-Koenig Winch
Ray Snubbers
Red Lion

Walterscheid® (Eaton)
Walvoil
Ward Manufacturing
Williams Controls
Winner® (Eaton)
Winzeler Brass
World Wide Fittings
Yates Industries
Zeromax / Helland

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Factory Authorized Repair Services

Manufacturer	Service Program
Alemite	Service Center
Char-Lynn®	Service Center
Enerpac	Service Center
Hein-Werner	Service Center
SPX Power Team	Service Center
Stanley	Warranty Repair Location, Handheld Tools and Railroad Tools
Vickers	QA Service Center





DISTRIBUTION CENTER - CUSTOMER SERVICE - TECHNICAL SUPPORT 24HOUR EMERGENCY SERVICE - CORPORATE OFFICES

300 International Parkway
Sunrise, FL 33325

Tel: (800) 507-9651

Hours

Fax: (954) 845-9113

Mon-Fri 8am-5pm

FLORIDA BRANCH LOCATIONS

Belle Glade

326 S.E. 1st Street
Belle Glade, FL 33430
Tel: 561-996-4431 Fax: 561-996-8531
Hours: Mon-Fri 7:30am-5pm Repair: No

Miami Springs

4301 N.W. 36th Street
Miami Springs, FL 33166-7396
Tel: 305-888-2415 Fax: 305-884-4066
Hours: Mon-Fri 7:30am-5pm Repair: No
Sat 8am-12noon

Ft. Lauderdale

2601 S.W. 2nd Avenue
Ft. Lauderdale, FL 33315-3115
Tel: 954-463-6460 Fax: 954-463-3635
Hours: Mon-Fri 7:30am-5pm Repair: No
Sat 8am-12noon

Naples

4376 Corporate Square Blvd #2 & #3
Naples, FL 34104
Tel: 239-435-1642 Fax: 239-643-2985
Hours: Mon-Fri 8:00am-5pm Repair: No

Ft. Myers

12900 Metro Parkway
Ft. Myers, FL 33966
Tel: 239-274-9229 Fax: 239-274-0225
Hours: Mon-Fri 7:30am-5pm Repair: No
Sat 8am-12noon

Orlando

680 Montgomery Street
Orlando, FL 32808-8193
Tel: 407-295-4537 Fax: 407-291-9982
Hours: Mon-Fri 7:30am-5pm Repair: Yes

Homestead

51 S.E. 3rd Terrace
Florida City, FL 33034
Tel: 305-248-3713 Fax: 305-248-3742
Hours: Mon-Fri 7:30am-5pm Repair: No

Pompano

2600 W. Sample Rd.
Pompano Beach, FL 33073
Tel: 954-973-5900 Fax: 954-973-4070
Hours: Mon-Fri 7:30am-5pm Repair: No
Sat 8am-12noon

Jacksonville

30 South Lane Avenue
Jacksonville, FL 32254-3522
Tel: 904-783-4401 Fax: 904-781-9636
Hours: Mon-Fri 8:00am-5pm Repair: Yes
Sat 8am-12noon

Tampa

7200 Dr. Martin Luther King Jr. Blvd
Tampa, FL 33619-1130
Tel: 813-621-0790 Fax: 813-628-0667
Hours: Mon-Fri 7:30am-5pm Repair: Yes

Lakeland

3222 Winter Lake Rd. Bays 9-10
Lakeland, FL 33803
Tel: 863-665-3589 Fax: 863-665-3758
Hours: Mon-Fri 7:30am-5pm Repair: No

West Palm Beach

7680 Central Industrial Drive
West Palm Beach, FL 33404-3432
Tel: 561-863-6258 Fax: 561-863-6034
Hours: Mon-Fri 7:30am-5pm Repair: No

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Sunrise, FL 33325

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Fax: (954) 845-9113

Hours
Mon-Fri 8am-5pm

GEORGIA BRANCH LOCATIONS

Atlanta (Forest Park)
937 Forest Parkway
Forest Park, GA 30297
Tel: 404-608-0995 Fax: 404-608-1055
Hours: Mon-Fri 8:00am-5pm Repair: No

Atlanta (Mableton)
6310 Mableton Parkway Suite 100
Mableton, GA 30126
Tel: 678-398-6673 Fax: 678-398-6817
Hours: Mon-Fri 7:30am-5pm Repair: No

Atlanta (Marietta)
1200 Cobb Parkway N, Suite 500
Marietta, GA 30062
Tel: 678-290-9227 Fax: 678-290-9265
Hours: Mon-Fri 8:00am-5:00pm Repair: No

Augusta
2722 Mike Padgett Hwy, Lot A
Augusta, GA 30906
Tel: 706-790-0628 Fax: 706-790-7043
Hours: Mon-Fri 7:30am-5pm Repair: No

Columbus
6440 West Hamilton Park Drive, Suite J
Columbus, GA 31904
Tel: 706-322-0707 Fax: 706-322-7430
Hours: Mon-Fri 8:00am-5pm Repair: No

Savannah
1370 US Hwy 80 East
Suites I & J
Pooler, GA 31322
Tel: 912-965-6771 Fax: 912-965-9219
Hours: Mon-Fri 7:30am-5pm Repair: No

NORTH CAROLINA BRANCH LOCATIONS

Charlotte
646 Westinghouse Blvd
Charlotte, NC 28273
Tel: 423-553-8854 Fax: 423-553-8995
Hours: Mon-Fri 8:00am-5pm Repair: No
Sat 8am-12noon

Greensboro
3004 S. Elm Eugene Street
Greensboro, NC 27406
Tel: 706-322-0707 Fax: 706-322-7430
Hours: Mon-Fri 8:00am-5pm Repair: No

SOUTH CAROLINA BRANCH LOCATIONS

Columbia
1633 Key Road
Columbia, SC 29201
Chattanooga, TN 37421
Tel: 803-567-4098 Fax: 803-567-4099
Hours: Mon-Fri 7:30am-5pm Repair: No

TENNESSEE BRANCH LOCATIONS

Chattanooga
Shallowford Business Park
5959 Shallowford Rd. Suite 111
Chattanooga, TN 37421
Tel: 423-553-8854 Fax: 423-553-8995
Hours: Mon-Fri 8:00am-5pm Repair: No

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Pumps & Accessories

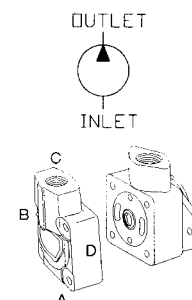
Single Hydraulic Pumps • Fixed Displacement
 Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps



Mounting Flange: 2-Bolt SAE A or 2-Bolt SAE B Mounting Flange.
Porting: NPT: 1" NPT Inlet, 1/2" NPT Outlet. SAE: 1-5/16-12 Straight Thread Inlet, 3/4-16 Straight Thread Outlet.
Application Information: page 574
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Pumps are available as shown in table.
Additional configurations available for delivery in 24-48 hours.
See Model Codes page to select a different configuration.
Items ending with "-B" are assembled and tested in-house using genuine Eaton/Vickers parts and are not painted.

Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LD24	382061-1-B	V10-1P1P-11A20	9 Tooth SAE A Splined	NPT	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LD25	382061-5-B	V10-1P1P-11A20-LH	9 Tooth SAE A Splined	NPT	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LD26	382061-2-B	V10-1P1P-11B20	9 Tooth SAE A Splined	NPT	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD27	382061-6-B	V10-1P1P-11B20-LH	9 Tooth SAE A Splined	NPT	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD28	382061-3-B	V10-1P1P-11C20	9 Tooth SAE A Splined	NPT	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD29	382061-7-B	V10-1P1P-11C20-LH	9 Tooth SAE A Splined	NPT	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD30	382061-4-B	V10-1P1P-11D20	9 Tooth SAE A Splined	NPT	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD31	382061-8-B	V10-1P1P-11D20-LH	9 Tooth SAE A Splined	NPT	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD32	586376-1-B	V10-1P1P-12A20	13 Tooth SAE B Splined	NPT	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LD33	586376-5-B	V10-1P1P-12A20-LH	13 Tooth SAE B Splined	NPT	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LD34	586376-2-B	V10-1P1P-12B20	13 Tooth SAE B Splined	NPT	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD35	586376-6-B	V10-1P1P-12B20-LH	13 Tooth SAE B Splined	NPT	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD36	586376-3-B	V10-1P1P-12C20	13 Tooth SAE B Splined	NPT	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD37	586376-7-B	V10-1P1P-12C20-LH	13 Tooth SAE B Splined	NPT	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD38	586376-4-B	V10-1P1P-12D20	13 Tooth SAE B Splined	NPT	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD39	586376-8-B	V10-1P1P-12D20-LH	13 Tooth SAE B Splined	NPT	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	

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Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LD40	375655-1-B	V10-1P1P-1A20	3/4 Straight Keyed	NPT	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LD41	375655-5-B	V10-1P1P-1A20-LH	3/4 Straight Keyed	NPT	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LD42	375655-2-B	V10-1P1P-1B20	3/4 Straight Keyed	NPT	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD43	375655-6-B	V10-1P1P-1B20-LH	3/4 Straight Keyed	NPT	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD44	375655-3-B	V10-1P1P-1C20	3/4 Straight Keyed	NPT	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD45	375655-7-B	V10-1P1P-1C20-LH	3/4 Straight Keyed	NPT	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD46	375655-4-B	V10-1P1P-1D20	3/4 Straight Keyed	NPT	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD47	375655-8-B	V10-1P1P-1D20-LH	3/4 Straight Keyed	NPT	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD48	574768-1-B	V10-1P1P-38A20	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LD49	574768-5-B	V10-1P1P-38A20-LH	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LD50	574768-2-B	V10-1P1P-38B20	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD51	574768-6-B	V10-1P1P-38B20-LH	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD52	574768-3-B	V10-1P1P-38C20	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD53	574768-7-B	V10-1P1P-38C20-LH	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD54	574768-4-B	V10-1P1P-38D20	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LD55	574768-8-B	V10-1P1P-38D20-LH	3/4 - 11 Tooth Splined	NPT	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF70	588681-1-B	V10-1S1S-11A20	9 Tooth SAE A Splined	SAE	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LF71	588681-5-B	V10-1S1S-11A20-LH	9 Tooth SAE A Splined	SAE	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LF72	588681-2-B	V10-1S1S-11B20	9 Tooth SAE A Splined	SAE	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF73	588681-6-B	V10-1S1S-11B20-LH	9 Tooth SAE A Splined	SAE	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF74	588681-3-B	V10-1S1S-11C20	9 Tooth SAE A Splined	SAE	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF75	588681-7-B	V10-1S1S-11C20-LH	9 Tooth SAE A Splined	SAE	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF76	588681-4-B	V10-1S1S-11D20	9 Tooth SAE A Splined	SAE	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF77	588681-8-B	V10-1S1S-11D20-LH	9 Tooth SAE A Splined	SAE	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF78	452506-1-B	V10-1S1S-12A20	13 Tooth SAE B Splined	SAE	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LF79	452506-5-B	V10-1S1S-12A20-LH	13 Tooth SAE B Splined	SAE	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LF80	452506-2-B	V10-1S1S-12B20	13 Tooth SAE B Splined	SAE	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF81	452506-6-B	V10-1S1S-12B20-LH	13 Tooth SAE B Splined	SAE	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF82	452506-3-B	V10-1S1S-12C20	13 Tooth SAE B Splined	SAE	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LF83	452506-7-B	V10-1S1S-12C20-LH	13 Tooth SAE B Splined	SAE	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF84	452506-4-B	V10-1S1S-12D20	13 Tooth SAE B Splined	SAE	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF85	452506-8-B	V10-1S1S-12D20-LH	13 Tooth SAE B Splined	SAE	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF86	386496-1-B	V10-1S1S-1A20	3/4 Straight Keyed	SAE	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LF87	386496-5-B	V10-1S1S-1A20-LH	3/4 Straight Keyed	SAE	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LF88	386496-2-B	V10-1S1S-1B20	3/4 Straight Keyed	SAE	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF89	386496-6-B	V10-1S1S-1B20-LH	3/4 Straight Keyed	SAE	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF90	386496-3-B	V10-1S1S-1C20	3/4 Straight Keyed	SAE	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF91	386496-7-B	V10-1S1S-1C20-LH	3/4 Straight Keyed	SAE	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF92	386496-4-B	V10-1S1S-1D20	3/4 Straight Keyed	SAE	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF93	386496-8-B	V10-1S1S-1D20-LH	3/4 Straight Keyed	SAE	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF94	503185-1-B	V10-1S1S-38A20	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	Opposite Inlet Port	CW	2500 PSI 4800 RPM	15.00	
C1LF95	503185-5-B	V10-1S1S-38A20-LH	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	Opposite Inlet Port	CCW	2500 PSI 4800 RPM	15.00	
C1LF96	503185-2-B	V10-1S1S-38B20	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	90° CCW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF97	503185-6-B	V10-1S1S-38B20-LH	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	90° CW from Outlet	CCW	2500 PSI 4800 RPM	15.00	
C1LF98	503185-3-B	V10-1S1S-38C20	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	in-Line with Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LF99	503185-7-B	V10-1S1S-38C20-LH	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LG11	503185-4-B	V10-1S1S-38D20	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	90° CW from Inlet	CW	2500 PSI 4800 RPM	15.00	
C1LG12	503185-8-B	V10-1S1S-38D20-LH	3/4 - 11 Tooth Splined	SAE	0.2	01	1.55	90° CW from Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LJ32	719AR00047A-B	V10-6S1S-11C20-LH	9 Tooth SAE A Splined	SAE	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LJ40	719AR00053A-B	V10-6S1S-12C20-LH	13 Tooth SAE B Splined	SAE	0.2	01	1.55	in-Line with Inlet	CCW	2500 PSI 4800 RPM	15.00	
C1LD56	390902-1-B	V10-1P2P-11A20	9 Tooth SAE A Splined	NPT	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LD57	390902-5-B	V10-1P2P-11A20-LH	9 Tooth SAE A Splined	NPT	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LD58	390902-2-B	V10-1P2P-11B20	9 Tooth SAE A Splined	NPT	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD59	390902-6-B	V10-1P2P-11B20-LH	9 Tooth SAE A Splined	NPT	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD60	390902-3-B	V10-1P2P-11C20	9 Tooth SAE A Splined	NPT	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD61	390902-7-B	V10-1P2P-11C20-LH	9 Tooth SAE A Splined	NPT	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD62	390902-4-B	V10-1P2P-11D20	9 Tooth SAE A Splined	NPT	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD63	390902-8-B	V10-1P2P-11D20-LH	9 Tooth SAE A Splined	NPT	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	

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Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LD64	452099-1-B	V10-1P2P-12A20	13 Tooth SAE B Splined	NPT	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LD65	452099-5-B	V10-1P2P-12A20-LH	13 Tooth SAE B Splined	NPT	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LD66	452099-2-B	V10-1P2P-12B20	13 Tooth SAE B Splined	NPT	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD67	452099-6-B	V10-1P2P-12B20-LH	13 Tooth SAE B Splined	NPT	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD68	452099-3-B	V10-1P2P-12C20	13 Tooth SAE B Splined	NPT	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD69	452099-7-B	V10-1P2P-12C20-LH	13 Tooth SAE B Splined	NPT	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD70	452099-4-B	V10-1P2P-12D20	13 Tooth SAE B Splined	NPT	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD71	452099-8-B	V10-1P2P-12D20-LH	13 Tooth SAE B Splined	NPT	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD72	390102-1-B	V10-1P2P-1A20	3/4 Straight Keyed	NPT	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LD73	382075-5-B	V10-1P2P-1A20-LH	3/4 Straight Keyed	NPT	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LD74	390102-2-B	V10-1P2P-1B20	3/4 Straight Keyed	NPT	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD75	382075-6-B	V10-1P2P-1B20-LH	3/4 Straight Keyed	NPT	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	
•C1LD76	382075-3-B	V10-1P2P-1C20	3/4 Straight Keyed	NPT	0.4	02	3	In-line with inlet ©	CW	2500 PSI 4500 RPM	10.52	
C1LD76	390102-3-B	V10-1P2P-1C20	3/4 Straight Keyed	NPT	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD77	382075-7-B	V10-1P2P-1C20-LH	3/4 Straight Keyed	NPT	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD78	390102-4-B	V10-1P2P-1D20	3/4 Straight Keyed	NPT	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD79	382075-8-B	V10-1P2P-1D20-LH	3/4 Straight Keyed	NPT	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD80	574736-1-B	V10-1P2P-38A20	3/4 - 11 Tooth Splined	NPT	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LD81	574736-5-B	V10-1P2P-38A20-LH	3/4 - 11 Tooth Splined	NPT	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LD82	574736-2-B	V10-1P2P-38B20	3/4 - 11 Tooth Splined	NPT	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD83	574736-6-B	V10-1P2P-38B20-LH	3/4 - 11 Tooth Splined	NPT	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD84	574736-3-B	V10-1P2P-38C20	3/4 - 11 Tooth Splined	NPT	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD85	574736-7-B	V10-1P2P-38C20-LH	3/4 - 11 Tooth Splined	NPT	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD86	574736-4-B	V10-1P2P-38D20	3/4 - 11 Tooth Splined	NPT	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LD87	574736-8-B	V10-1P2P-38D20-LH	3/4 - 11 Tooth Splined	NPT	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG13	382065-1-B	V10-1S2S-11A20	9 Tooth SAE A Splined	SAE	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LG14	382065-5-B	V10-1S2S-11A20-LH	9 Tooth SAE A Splined	SAE	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LG15	382065-2-B	V10-1S2S-11B20	9 Tooth SAE A Splined	SAE	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG16	382065-6-B	V10-1S2S-11B20-LH	9 Tooth SAE A Splined	SAE	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	





Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
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Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LG17	382065-3-B	V10-1S2S-11C20	9 Tooth SAE A Splined	SAE	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG18	382065-7-B	V10-1S2S-11C20-LH	9 Tooth SAE A Splined	SAE	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG19	382065-4-B	V10-1S2S-11D20	9 Tooth SAE A Splined	SAE	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG20	382065-8-B	V10-1S2S-11D20-LH	9 Tooth SAE A Splined	SAE	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG29	382063-1-B	V10-1S2S-1A20	3/4 Straight Keyed	SAE	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LG30	382063-5-B	V10-1S2S-1A20-LH	3/4 Straight Keyed	SAE	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LG31	382063-2-B	V10-1S2S-1B20	3/4 Straight Keyed	SAE	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG32	382063-6-B	V10-1S2S-1B20-LH	3/4 Straight Keyed	SAE	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG33	382063-3-B	V10-1S2S-1C20	3/4 Straight Keyed	SAE	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG34	382063-7-B	V10-1S2S-1C20-LH	3/4 Straight Keyed	SAE	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG35	382063-4-B	V10-1S2S-1D20	3/4 Straight Keyed	SAE	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG36	382063-8-B	V10-1S2S-1D20-LH	3/4 Straight Keyed	SAE	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG37	588684-1-B	V10-1S2S-38A20	3/4 - 11 Tooth Splined	SAE	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LG38	588684-5-B	V10-1S2S-38A20-LH	3/4 - 11 Tooth Splined	SAE	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LG39	588684-2-B	V10-1S2S-38B20	3/4 - 11 Tooth Splined	SAE	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG40	588684-6-B	V10-1S2S-38B20-LH	3/4 - 11 Tooth Splined	SAE	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG41	588684-3-B	V10-1S2S-38C20	3/4 - 11 Tooth Splined	SAE	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG42	588684-7-B	V10-1S2S-38C20-LH	3/4 - 11 Tooth Splined	SAE	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LG43	588684-4-B	V10-1S2S-38D20	3/4 - 11 Tooth Splined	SAE	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LG44	588684-8-B	V10-1S2S-38D20-LH	3/4 - 11 Tooth Splined	SAE	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LJ67	02-348752-1-B	V10-6S2S-12A20	13 Tooth SAE B Splined	SAE	0.4	02	3	Opposite Inlet Port	CW	2500 PSI 4500 RPM	12.00	
C1LJ68	02-348752-5-B	V10-6S2S-12A20-LH	13 Tooth SAE B Splined	SAE	0.4	02	3	Opposite Inlet Port	CCW	2500 PSI 4500 RPM	12.00	
C1LJ69	02-348752-2-B	V10-6S2S-12B20	13 Tooth SAE B Splined	SAE	0.4	02	3	90° CCW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LJ70	02-348752-6-B	V10-6S2S-12B20-LH	13 Tooth SAE B Splined	SAE	0.4	02	3	90° CW from Outlet	CCW	2500 PSI 4500 RPM	12.00	
C1LJ71	02-348752-3-B	V10-6S2S-12C20	13 Tooth SAE B Splined	SAE	0.4	02	3	in-Line with Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LJ72	02-348752-7-B	V10-6S2S-12C20-LH	13 Tooth SAE B Splined	SAE	0.4	02	3	in-Line with Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LJ73	02-348752-4-B	V10-6S2S-12D20	13 Tooth SAE B Splined	SAE	0.4	02	3	90° CW from Inlet	CW	2500 PSI 4500 RPM	12.00	
C1LJ74	02-348752-8-B	V10-6S2S-12D20-LH	13 Tooth SAE B Splined	SAE	0.4	02	3	90° CW from Inlet	CCW	2500 PSI 4500 RPM	12.00	
C1LD88	382079-1-B	V10-1P3P-11A20	9 Tooth SAE A Splined	NPT	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LD89	382079-5-B	V10-1P3P-11A20-LH	9 Tooth SAE A Splined	NPT	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LD90	382079-2-B	V10-1P3P-11B20	9 Tooth SAE A Splined	NPT	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LD91	382079-6-B	V10-1P3P-11B20-LH	9 Tooth SAE A Splined	NPT	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LD92	382079-3-B	V10-1P3P-11C20	9 Tooth SAE A Splined	NPT	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LD93	382079-7-B	V10-1P3P-11C20-LH	9 Tooth SAE A Splined	NPT	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LD94	382079-4-B	V10-1P3P-11D20	9 Tooth SAE A Splined	NPT	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LD95	382079-8-B	V10-1P3P-11D20-LH	9 Tooth SAE A Splined	NPT	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LD96	382089-1-B	V10-1P3P-12A20	13 Tooth SAE B Splined	NPT	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LD97	382089-5-B	V10-1P3P-12A20-LH	13 Tooth SAE B Splined	NPT	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LD98	382089-2-B	V10-1P3P-12B20	13 Tooth SAE B Splined	NPT	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LD99	382089-6-B	V10-1P3P-12B20-LH	13 Tooth SAE B Splined	NPT	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE11	382089-3-B	V10-1P3P-12C20	13 Tooth SAE B Splined	NPT	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE12	382089-7-B	V10-1P3P-12C20-LH	13 Tooth SAE B Splined	NPT	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE13	382089-4-B	V10-1P3P-12D20	13 Tooth SAE B Splined	NPT	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE14	382089-8-B	V10-1P3P-12D20-LH	13 Tooth SAE B Splined	NPT	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE15	382077-1-B	V10-1P3P-1A20	3/4 Straight Keyed	NPT	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LE16	382077-5-B	V10-1P3P-1A20-LH	3/4 Straight Keyed	NPT	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LE17	382077-2-B	V10-1P3P-1B20	3/4 Straight Keyed	NPT	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE18	382077-6-B	V10-1P3P-1B20-LH	3/4 Straight Keyed	NPT	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE19	382077-3-B	V10-1P3P-1C20	3/4 Straight Keyed	NPT	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE20	382077-7-B	V10-1P3P-1C20-LH	3/4 Straight Keyed	NPT	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE21	382077-4-B	V10-1P3P-1D20	3/4 Straight Keyed	NPT	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE22	382077-8-B	V10-1P3P-1D20-LH	3/4 Straight Keyed	NPT	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE23	393720-1-B	V10-1P3P-38A20	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LE24	393720-5-B	V10-1P3P-38A20-LH	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LE25	393720-2-B	V10-1P3P-38B20	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE26	393720-6-B	V10-1P3P-38B20-LH	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE27	393720-3-B	V10-1P3P-38C20	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE28	393720-7-B	V10-1P3P-38C20-LH	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LE29	393720-4-B	V10-1P3P-38D20	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LE30	393720-8-B	V10-1P3P-38D20-LH	3/4 - 11 Tooth Splined	NPT	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG45	382069-1-B	V10-1S3S-11A20	9 Tooth SAE A Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LG46	382069-5-B	V10-1S3S-11A20-LH	9 Tooth SAE A Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LG47	382069-2-B	V10-1S3S-11B20	9 Tooth SAE A Splined	SAE	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG48	382069-6-B	V10-1S3S-11B20-LH	9 Tooth SAE A Splined	SAE	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG49	382069-3-B	V10-1S3S-11C20	9 Tooth SAE A Splined	SAE	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG50	382069-7-B	V10-1S3S-11C20-LH	9 Tooth SAE A Splined	SAE	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG51	382069-4-B	V10-1S3S-11D20	9 Tooth SAE A Splined	SAE	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG52	382069-8-B	V10-1S3S-11D20-LH	9 Tooth SAE A Splined	SAE	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG53	397926-1-B	V10-1S3S-12A20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LG54	397926-5-B	V10-1S3S-12A20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LG55	397926-2-B	V10-1S3S-12B20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG56	397926-6-B	V10-1S3S-12B20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG57	397926-3-B	V10-1S3S-12C20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG58	397926-7-B	V10-1S3S-12C20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG59	397926-4-B	V10-1S3S-12D20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG60	397926-8-B	V10-1S3S-12D20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG61	382067-1-B	V10-1S3S-1A20	3/4 Straight Keyed	SAE	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LG62	382067-5-B	V10-1S3S-1A20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LG63	382067-2-B	V10-1S3S-1B20	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG64	382067-6-B	V10-1S3S-1B20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG65	382067-3-B	V10-1S3S-1C20	3/4 Straight Keyed	SAE	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG66	382067-7-B	V10-1S3S-1C20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG67	382067-4-B	V10-1S3S-1D20	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG68	382067-8-B	V10-1S3S-1D20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG69	502495-1-B	V10-1S3S-38A20	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LG70	502495-5-B	V10-1S3S-38A20-LH	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LG71	502495-2-B	V10-1S3S-38B20	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LG72	502495-6-B	V10-1S3S-38B20-LH	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG73	502495-3-B	V10-1S3S-38C20	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG74	502495-7-B	V10-1S3S-38C20-LH	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LG75	502495-4-B	V10-1S3S-38D20	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LG76	502495-8-B	V10-1S3S-38D20-LH	3/4 - 11 Tooth Splined	SAE	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LJ99	02-347564-1-B	V10-6S3S-12A20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LK11	02-347564-5-B	V10-6S3S-12A20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LK12	02-347564-2-B	V10-6S3S-12B20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LK13	02-347564-6-B	V10-6S3S-12B20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LK14	02-347564-3-B	V10-6S3S-12C20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LK15	02-347564-7-B	V10-6S3S-12C20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LK16	02-347564-4-B	V10-6S3S-12D20	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LK17	02-347564-8-B	V10-6S3S-12D20-LH	13 Tooth SAE B Splined	SAE	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LK18	02-346503-1-B	V10-6S3S-1A20	3/4 Straight Keyed	SAE	0.6	03	4.5	Opposite Inlet Port	CW	2500 PSI 4000 RPM	12.00	
C1LK19	02-346503-5-B	V10-6S3S-1A20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	Opposite Inlet Port	CCW	2500 PSI 4000 RPM	12.00	
C1LK20	02-346503-2-B	V10-6S3S-1B20	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CCW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LK21	02-346503-6-B	V10-6S3S-1B20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CW from Outlet	CCW	2500 PSI 4000 RPM	12.00	
C1LK22	02-346503-3-B	V10-6S3S-1C20	3/4 Straight Keyed	SAE	0.6	03	4.5	in-Line with Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LK23	02-346503-7-B	V10-6S3S-1C20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	in-Line with Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LK24	02-346503-4-B	V10-6S3S-1D20	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CW from Inlet	CW	2500 PSI 4000 RPM	12.00	
C1LK25	02-346503-8-B	V10-6S3S-1D20-LH	3/4 Straight Keyed	SAE	0.6	03	4.5	90° CW from Inlet	CCW	2500 PSI 4000 RPM	12.00	
C1LE31	383515-1-B	V10-1P4P-11A20	9 Tooth SAE A Splined	NPT	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LE32	383515-5-B	V10-1P4P-11A20-LH	9 Tooth SAE A Splined	NPT	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LE33	383515-2-B	V10-1P4P-11B20	9 Tooth SAE A Splined	NPT	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE34	383515-6-B	V10-1P4P-11B20-LH	9 Tooth SAE A Splined	NPT	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE35	383515-3-B	V10-1P4P-11C20	9 Tooth SAE A Splined	NPT	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE36	383515-7-B	V10-1P4P-11C20-LH	9 Tooth SAE A Splined	NPT	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE37	383515-4-B	V10-1P4P-11D20	9 Tooth SAE A Splined	NPT	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE38	383515-8-B	V10-1P4P-11D20-LH	9 Tooth SAE A Splined	NPT	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LE39	401938-1-B	V10-1P4P-12A20	13 Tooth SAE B Splined	NPT	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LE40	401938-5-B	V10-1P4P-12A20-LH	13 Tooth SAE B Splined	NPT	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LE41	401938-2-B	V10-1P4P-12B20	13 Tooth SAE B Splined	NPT	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE42	401938-6-B	V10-1P4P-12B20-LH	13 Tooth SAE B Splined	NPT	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE43	401938-3-B	V10-1P4P-12C20	13 Tooth SAE B Splined	NPT	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE44	401938-7-B	V10-1P4P-12C20-LH	13 Tooth SAE B Splined	NPT	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE45	401938-4-B	V10-1P4P-12D20	13 Tooth SAE B Splined	NPT	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE46	401938-8-B	V10-1P4P-12D20-LH	13 Tooth SAE B Splined	NPT	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE47	382082-1-B	V10-1P4P-1A20	3/4 Straight Keyed	NPT	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LE48	382082-5-B	V10-1P4P-1A20-LH	3/4 Straight Keyed	NPT	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LE49	382082-2-B	V10-1P4P-1B20	3/4 Straight Keyed	NPT	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE50	382082-6-B	V10-1P4P-1B20-LH	3/4 Straight Keyed	NPT	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE51	382082-3-B	V10-1P4P-1C20	3/4 Straight Keyed	NPT	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE52	382082-7-B	V10-1P4P-1C20-LH	3/4 Straight Keyed	NPT	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE53	382082-4-B	V10-1P4P-1D20	3/4 Straight Keyed	NPT	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE54	382082-8-B	V10-1P4P-1D20-LH	3/4 Straight Keyed	NPT	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE55	591059-1-B	V10-1P4P-38A20	3/4 - 11 Tooth Splined	NPT	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LE56	591059-5-B	V10-1P4P-38A20-LH	3/4 - 11 Tooth Splined	NPT	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LE57	591059-2-B	V10-1P4P-38B20	3/4 - 11 Tooth Splined	NPT	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE58	591059-6-B	V10-1P4P-38B20-LH	3/4 - 11 Tooth Splined	NPT	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE59	591059-3-B	V10-1P4P-38C20	3/4 - 11 Tooth Splined	NPT	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE60	591059-7-B	V10-1P4P-38C20-LH	3/4 - 11 Tooth Splined	NPT	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE61	591059-4-B	V10-1P4P-38D20	3/4 - 11 Tooth Splined	NPT	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LE62	591059-8-B	V10-1P4P-38D20-LH	3/4 - 11 Tooth Splined	NPT	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG77	390099-1-B	V10-1S4S-11A20	9 Tooth SAE A Splined	SAE	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LG78	390099-5-B	V10-1S4S-11A20-LH	9 Tooth SAE A Splined	SAE	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LG79	390099-2-B	V10-1S4S-11B20	9 Tooth SAE A Splined	SAE	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LG80	390099-6-B	V10-1S4S-11B20-LH	9 Tooth SAE A Splined	SAE	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG81	390099-3-B	V10-1S4S-11C20	9 Tooth SAE A Splined	SAE	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LG82	390099-7-B	V10-1S4S-11C20-LH	9 Tooth SAE A Splined	SAE	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG83	390099-4-B	V10-1S4S-11D20	9 Tooth SAE A Splined	SAE	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LG84	390099-8-B	V10-1S4S-11D20-LH	9 Tooth SAE A Splined	SAE	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG85	382073-1-B	V10-1S4S-12A20	13 Tooth SAE B Splined	SAE	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LG86	382073-5-B	V10-1S4S-12A20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LG87	382073-2-B	V10-1S4S-12B20	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LG88	382073-6-B	V10-1S4S-12B20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG89	382073-3-B	V10-1S4S-12C20	13 Tooth SAE B Splined	SAE	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LG90	382073-7-B	V10-1S4S-12C20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG91	382073-4-B	V10-1S4S-12D20	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LG92	382073-8-B	V10-1S4S-12D20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG93	382071-1-B	V10-1S4S-1A20	3/4 Straight Keyed	SAE	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LG94	382071-5-B	V10-1S4S-1A20-LH	3/4 Straight Keyed	SAE	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LG95	382071-2-B	V10-1S4S-1B20	3/4 Straight Keyed	SAE	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LG96	382071-6-B	V10-1S4S-1B20-LH	3/4 Straight Keyed	SAE	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG97	382071-3-B	V10-1S4S-1C20	3/4 Straight Keyed	SAE	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LG98	382071-7-B	V10-1S4S-1C20-LH	3/4 Straight Keyed	SAE	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LG99	382071-4-B	V10-1S4S-1D20	3/4 Straight Keyed	SAE	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LH11	382071-8-B	V10-1S4S-1D20-LH	3/4 Straight Keyed	SAE	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LH12	574699-1-B	V10-1S4S-38A20	3/4 - 11 Tooth Splined	SAE	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LH13	574699-5-B	V10-1S4S-38A20-LH	3/4 - 11 Tooth Splined	SAE	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	
C1LH14	574699-2-B	V10-1S4S-38B20	3/4 - 11 Tooth Splined	SAE	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LH15	574699-6-B	V10-1S4S-38B20-LH	3/4 - 11 Tooth Splined	SAE	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LH16	574699-3-B	V10-1S4S-38C20	3/4 - 11 Tooth Splined	SAE	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LH17	574699-7-B	V10-1S4S-38C20-LH	3/4 - 11 Tooth Splined	SAE	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LH18	574699-4-B	V10-1S4S-38D20	3/4 - 11 Tooth Splined	SAE	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LH19	574699-8-B	V10-1S4S-38D20-LH	3/4 - 11 Tooth Splined	SAE	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LK42	02-335181-1-B	V10-6S4S-12A20	13 Tooth SAE B Splined	SAE	0.8	04	6	Opposite Inlet Port	CW	2500 PSI 3400 RPM	12.00	
C1LK43	02-335181-5-B	V10-6S4S-12A20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	Opposite Inlet Port	CCW	2500 PSI 3400 RPM	12.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LK44	02-335181-2-B	V10-6S4S-12B20	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CCW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LK45	02-335181-6-B	V10-6S4S-12B20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CW from Outlet	CCW	2500 PSI 3400 RPM	12.00	
C1LK46	02-335181-3-B	V10-6S4S-12C20	13 Tooth SAE B Splined	SAE	0.8	04	6	in-Line with Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LK47	02-335181-7-B	V10-6S4S-12C20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	in-Line with Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LK48	02-335181-4-B	V10-6S4S-12D20	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CW from Inlet	CW	2500 PSI 3400 RPM	12.00	
C1LK49	02-335181-8-B	V10-6S4S-12D20-LH	13 Tooth SAE B Splined	SAE	0.8	04	6	90° CW from Inlet	CCW	2500 PSI 3400 RPM	12.00	
C1LE63	382085-1-B	V10-1P5P-11A20	9 Tooth SAE A Splined	NPT	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LE64	382085-5-B	V10-1P5P-11A20-LH	9 Tooth SAE A Splined	NPT	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LE65	382085-2-B	V10-1P5P-11B20	9 Tooth SAE A Splined	NPT	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE66	382085-6-B	V10-1P5P-11B20-LH	9 Tooth SAE A Splined	NPT	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE67	382085-3-B	V10-1P5P-11C20	9 Tooth SAE A Splined	NPT	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE68	382085-7-B	V10-1P5P-11C20-LH	9 Tooth SAE A Splined	NPT	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE69	382085-4-B	V10-1P5P-11D20	9 Tooth SAE A Splined	NPT	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE70	382085-8-B	V10-1P5P-11D20-LH	9 Tooth SAE A Splined	NPT	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE71	401086-1-B	V10-1P5P-12A20	13 Tooth SAE B Splined	NPT	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LE72	401086-5-B	V10-1P5P-12A20-LH	13 Tooth SAE B Splined	NPT	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LE73	401086-2-B	V10-1P5P-12B20	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE74	401086-6-B	V10-1P5P-12B20-LH	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE75	401086-3-B	V10-1P5P-12C20	13 Tooth SAE B Splined	NPT	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE76	401086-7-B	V10-1P5P-12C20-LH	13 Tooth SAE B Splined	NPT	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE77	401086-4-B	V10-1P5P-12D20	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE78	401086-8-B	V10-1P5P-12D20-LH	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE79	382084-1-B	V10-1P5P-1A20	3/4 Straight Keyed	NPT	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LE80	382084-5-B	V10-1P5P-1A20-LH	3/4 Straight Keyed	NPT	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LE81	382084-2-B	V10-1P5P-1B20	3/4 Straight Keyed	NPT	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE82	382084-6-B	V10-1P5P-1B20-LH	3/4 Straight Keyed	NPT	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE83	382084-3-B	V10-1P5P-1C20	3/4 Straight Keyed	NPT	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE84	382084-7-B	V10-1P5P-1C20-LH	3/4 Straight Keyed	NPT	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE85	382084-4-B	V10-1P5P-1D20	3/4 Straight Keyed	NPT	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LE86	382084-8-B	V10-1P5P-1D20-LH	3/4 Straight Keyed	NPT	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE87	576291-1-B	V10-1P5P-38A20	3/4 - 11 Tooth Splined	NPT	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LE88	576291-5-B	V10-1P5P-38A20-LH	3/4 - 11 Tooth Splined	NPT	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LE89	576291-2-B	V10-1P5P-38B20	3/4 - 11 Tooth Splined	NPT	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE90	576291-6-B	V10-1P5P-38B20-LH	3/4 - 11 Tooth Splined	NPT	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE91	576291-3-B	V10-1P5P-38C20	3/4 - 11 Tooth Splined	NPT	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE92	576291-7-B	V10-1P5P-38C20-LH	3/4 - 11 Tooth Splined	NPT	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE93	576291-4-B	V10-1P5P-38D20	3/4 - 11 Tooth Splined	NPT	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LE94	576291-8-B	V10-1P5P-38D20-LH	3/4 - 11 Tooth Splined	NPT	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH20	382092-1-B	V10-1S5S-11A20	9 Tooth SAE A Splined	SAE	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LH21	382092-5-B	V10-1S5S-11A20-LH	9 Tooth SAE A Splined	SAE	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LH22	382092-2-B	V10-1S5S-11B20	9 Tooth SAE A Splined	SAE	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH23	382092-6-B	V10-1S5S-11B20-LH	9 Tooth SAE A Splined	SAE	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH24	382092-3-B	V10-1S5S-11C20	9 Tooth SAE A Splined	SAE	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH25	382092-7-B	V10-1S5S-11C20-LH	9 Tooth SAE A Splined	SAE	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH26	382092-4-B	V10-1S5S-11D20	9 Tooth SAE A Splined	SAE	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH27	382092-8-B	V10-1S5S-11D20-LH	9 Tooth SAE A Splined	SAE	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH28	382093-1-B	V10-1S5S-12A20	13 Tooth SAE B Splined	SAE	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LH29	382093-5-B	V10-1S5S-12A20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LH30	382093-2-B	V10-1S5S-12B20	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH31	382093-6-B	V10-1S5S-12B20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH32	382093-3-B	V10-1S5S-12C20	13 Tooth SAE B Splined	SAE	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH33	382093-7-B	V10-1S5S-12C20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH34	382093-4-B	V10-1S5S-12D20	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH35	382093-8-B	V10-1S5S-12D20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH36	382074-1-B	V10-1S5S-1A20	3/4 Straight Keyed	SAE	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LH37	382074-5-B	V10-1S5S-1A20-LH	3/4 Straight Keyed	SAE	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LH38	382074-2-B	V10-1S5S-1B20	3/4 Straight Keyed	SAE	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH39	382074-6-B	V10-1S5S-1B20-LH	3/4 Straight Keyed	SAE	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LH40	382074-3-B	V10-1S5S-1C20	3/4 Straight Keyed	SAE	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH41	382074-7-B	V10-1S5S-1C20-LH	3/4 Straight Keyed	SAE	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH42	382074-4-B	V10-1S5S-1D20	3/4 Straight Keyed	SAE	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH43	382074-8-B	V10-1S5S-1D20-LH	3/4 Straight Keyed	SAE	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH44	503071-1-B	V10-1S5S-38A20	3/4 - 11 Tooth Splined	SAE	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LH45	503071-5-B	V10-1S5S-38A20-LH	3/4 - 11 Tooth Splined	SAE	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LH46	503071-2-B	V10-1S5S-38B20	3/4 - 11 Tooth Splined	SAE	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH47	503071-6-B	V10-1S5S-38B20-LH	3/4 - 11 Tooth Splined	SAE	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH48	503071-3-B	V10-1S5S-38C20	3/4 - 11 Tooth Splined	SAE	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH49	503071-7-B	V10-1S5S-38C20-LH	3/4 - 11 Tooth Splined	SAE	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LH50	503071-4-B	V10-1S5S-38D20	3/4 - 11 Tooth Splined	SAE	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LH51	503071-8-B	V10-1S5S-38D20-LH	3/4 - 11 Tooth Splined	SAE	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LK74	02-346573-1-B	V10-6S5S-12A20	13 Tooth SAE B Splined	SAE	1	05	7.5	Opposite Inlet Port	CW	2500 PSI 3200 RPM	12.00	
C1LK75	02-346573-5-B	V10-6S5S-12A20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	Opposite Inlet Port	CCW	2500 PSI 3200 RPM	12.00	
C1LK76	02-346573-2-B	V10-6S5S-12B20	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LK77	02-346573-6-B	V10-6S5S-12B20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CW from Outlet	CCW	2500 PSI 3200 RPM	12.00	
C1LK78	02-346573-3-B	V10-6S5S-12C20	13 Tooth SAE B Splined	SAE	1	05	7.5	in-Line with Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LK79	02-346573-7-B	V10-6S5S-12C20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	in-Line with Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LK80	02-346573-4-B	V10-6S5S-12D20	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3200 RPM	12.00	
C1LK81	02-346573-8-B	V10-6S5S-12D20-LH	13 Tooth SAE B Splined	SAE	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3200 RPM	12.00	
C1LE95	386931-1-B	V10-1P6P-11A20	9 Tooth SAE A Splined	NPT	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LE96	386931-5-B	V10-1P6P-11A20-LH	9 Tooth SAE A Splined	NPT	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LE97	386931-2-B	V10-1P6P-11B20	9 Tooth SAE A Splined	NPT	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LE98	386931-6-B	V10-1P6P-11B20-LH	9 Tooth SAE A Splined	NPT	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LE99	386931-3-B	V10-1P6P-11C20	9 Tooth SAE A Splined	NPT	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF11	386931-7-B	V10-1P6P-11C20-LH	9 Tooth SAE A Splined	NPT	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF12	386931-4-B	V10-1P6P-11D20	9 Tooth SAE A Splined	NPT	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF13	386931-8-B	V10-1P6P-11D20-LH	9 Tooth SAE A Splined	NPT	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF14	574644-1-B	V10-1P6P-12A20	13 Tooth SAE B Splined	NPT	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LF15	574644-5-B	V10-1P6P-12A20-LH	13 Tooth SAE B Splined	NPT	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LF16	574644-2-B	V10-1P6P-12B20	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF17	574644-6-B	V10-1P6P-12B20-LH	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF18	574644-3-B	V10-1P6P-12C20	13 Tooth SAE B Splined	NPT	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF19	574644-7-B	V10-1P6P-12C20-LH	13 Tooth SAE B Splined	NPT	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF20	574644-4-B	V10-1P6P-12D20	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF21	574644-8-B	V10-1P6P-12D20-LH	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF22	382086-1-B	V10-1P6P-1A20	3/4 Straight Keyed	NPT	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LF23	382086-5-B	V10-1P6P-1A20-LH	3/4 Straight Keyed	NPT	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LF24	382086-2-B	V10-1P6P-1B20	3/4 Straight Keyed	NPT	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF25	382086-6-B	V10-1P6P-1B20-LH	3/4 Straight Keyed	NPT	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF26	382086-3-B	V10-1P6P-1C20	3/4 Straight Keyed	NPT	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF27	382086-7-B	V10-1P6P-1C20-LH	3/4 Straight Keyed	NPT	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF28	382086-4-B	V10-1P6P-1D20	3/4 Straight Keyed	NPT	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF29	382086-8-B	V10-1P6P-1D20-LH	3/4 Straight Keyed	NPT	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF30	397945-1-B	V10-1P6P-38A20	3/4 - 11 Tooth Splined	NPT	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LF31	397945-5-B	V10-1P6P-38A20-LH	3/4 - 11 Tooth Splined	NPT	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LF32	397945-2-B	V10-1P6P-38B20	3/4 - 11 Tooth Splined	NPT	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF33	397945-6-B	V10-1P6P-38B20-LH	3/4 - 11 Tooth Splined	NPT	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF34	397945-3-B	V10-1P6P-38C20	3/4 - 11 Tooth Splined	NPT	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF35	397945-7-B	V10-1P6P-38C20-LH	3/4 - 11 Tooth Splined	NPT	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF36	397945-4-B	V10-1P6P-38D20	3/4 - 11 Tooth Splined	NPT	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LF37	397945-8-B	V10-1P6P-38D20-LH	3/4 - 11 Tooth Splined	NPT	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH52	382094-1-B	V10-1S6S-11A20	9 Tooth SAE A Splined	SAE	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LH53	382094-5-B	V10-1S6S-11A20-LH	9 Tooth SAE A Splined	SAE	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LH54	382094-2-B	V10-1S6S-11B20	9 Tooth SAE A Splined	SAE	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH55	382094-6-B	V10-1S6S-11B20-LH	9 Tooth SAE A Splined	SAE	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH56	382094-3-B	V10-1S6S-11C20	9 Tooth SAE A Splined	SAE	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH57	382094-7-B	V10-1S6S-11C20-LH	9 Tooth SAE A Splined	SAE	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LH58	382094-4-B	V10-1S6S-11D20	9 Tooth SAE A Splined	SAE	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH59	382094-8-B	V10-1S6S-11D20-LH	9 Tooth SAE A Splined	SAE	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH60	387516-1-B	V10-1S6S-12A20	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LH61	387516-5-B	V10-1S6S-12A20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LH62	387516-2-B	V10-1S6S-12B20	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH63	387516-6-B	V10-1S6S-12B20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH64	387516-3-B	V10-1S6S-12C20	13 Tooth SAE B Splined	SAE	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH65	387516-7-B	V10-1S6S-12C20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH66	387516-4-B	V10-1S6S-12D20	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH67	387516-8-B	V10-1S6S-12D20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH68	387500-1-B	V10-1S6S-1A20	3/4 Straight Keyed	SAE	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LH69	387500-5-B	V10-1S6S-1A20-LH	3/4 Straight Keyed	SAE	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LH70	387500-2-B	V10-1S6S-1B20	3/4 Straight Keyed	SAE	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH71	387500-6-B	V10-1S6S-1B20-LH	3/4 Straight Keyed	SAE	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH72	387500-3-B	V10-1S6S-1C20	3/4 Straight Keyed	SAE	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH73	387500-7-B	V10-1S6S-1C20-LH	3/4 Straight Keyed	SAE	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH74	387500-4-B	V10-1S6S-1D20	3/4 Straight Keyed	SAE	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH75	387500-8-B	V10-1S6S-1D20-LH	3/4 Straight Keyed	SAE	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH76	579781-1-B	V10-1S6S-38A20	3/4 - 11 Tooth Splined	SAE	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LH77	579781-5-B	V10-1S6S-38A20-LH	3/4 - 11 Tooth Splined	SAE	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LH78	579781-2-B	V10-1S6S-38B20	3/4 - 11 Tooth Splined	SAE	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH79	579781-6-B	V10-1S6S-38B20-LH	3/4 - 11 Tooth Splined	SAE	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH80	579781-3-B	V10-1S6S-38C20	3/4 - 11 Tooth Splined	SAE	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH81	579781-7-B	V10-1S6S-38C20-LH	3/4 - 11 Tooth Splined	SAE	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LH82	579781-4-B	V10-1S6S-38D20	3/4 - 11 Tooth Splined	SAE	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LH83	579781-8-B	V10-1S6S-38D20-LH	3/4 - 11 Tooth Splined	SAE	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LL17	02-347567-1-B	V10-6S6S-12A20	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet Port	CW	2200 PSI 3000 RPM	12.00	
C1LL18	02-347567-5-B	V10-6S6S-12A20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet Port	CCW	2200 PSI 3000 RPM	12.00	
C1LL19	02-347567-2-B	V10-6S6S-12B20	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CCW from Inlet	CW	2200 PSI 3000 RPM	12.00	

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Pumps & Accessories

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Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LL20	02-347567-6-B	V10-6S6S-12B20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Outlet	CCW	2200 PSI 3000 RPM	12.00	
C1LL21	02-347567-3-B	V10-6S6S-12C20	13 Tooth SAE B Splined	SAE	1.19	06	9	in-Line with Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LL22	02-347567-7-B	V10-6S6S-12C20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	in-Line with Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LL23	02-347567-4-B	V10-6S6S-12D20	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CW	2200 PSI 3000 RPM	12.00	
C1LL24	02-347567-8-B	V10-6S6S-12D20-LH	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CCW	2200 PSI 3000 RPM	12.00	
C1LF38	382062-1-B	V10-1P7P-11A20	9 Tooth SAE A Splined	NPT	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LF39	382062-5-B	V10-1P7P-11A20-LH	9 Tooth SAE A Splined	NPT	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LF40	382062-2-B	V10-1P7P-11B20	9 Tooth SAE A Splined	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF41	382062-6-B	V10-1P7P-11B20-LH	9 Tooth SAE A Splined	NPT	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF42	382062-3-B	V10-1P7P-11C20	9 Tooth SAE A Splined	NPT	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF43	382062-7-B	V10-1P7P-11C20-LH	9 Tooth SAE A Splined	NPT	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF44	382062-4-B	V10-1P7P-11D20	9 Tooth SAE A Splined	NPT	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF45	382062-8-B	V10-1P7P-11D20-LH	9 Tooth SAE A Splined	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF46	408629-1-B	V10-1P7P-12A20	13 Tooth SAE B Splined	NPT	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LF47	408629-5-B	V10-1P7P-12A20-LH	13 Tooth SAE B Splined	NPT	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LF48	408629-2-B	V10-1P7P-12B20	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF49	408629-6-B	V10-1P7P-12B20-LH	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF50	408629-3-B	V10-1P7P-12C20	13 Tooth SAE B Splined	NPT	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF51	408629-7-B	V10-1P7P-12C20-LH	13 Tooth SAE B Splined	NPT	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF52	408629-4-B	V10-1P7P-12D20	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF53	408629-8-B	V10-1P7P-12D20-LH	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF54	382087-1-B	V10-1P7P-1A20	3/4 Straight Keyed	NPT	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LF55	382087-5-B	V10-1P7P-1A20-LH	3/4 Straight Keyed	NPT	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LF56	382087-2-B	V10-1P7P-1B20	3/4 Straight Keyed	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF57	382087-6-B	V10-1P7P-1B20-LH	3/4 Straight Keyed	NPT	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF58	382087-3-B	V10-1P7P-1C20	3/4 Straight Keyed	NPT	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF59	382087-7-B	V10-1P7P-1C20-LH	3/4 Straight Keyed	NPT	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF60	382087-4-B	V10-1P7P-1D20	3/4 Straight Keyed	NPT	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF61	382087-8-B	V10-1P7P-1D20-LH	3/4 Straight Keyed	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LF62	586405-1-B	V10-1P7P-38A20	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LF63	586405-5-B	V10-1P7P-38A20-LH	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LF64	586405-2-B	V10-1P7P-38B20	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF65	586405-6-B	V10-1P7P-38B20-LH	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF66	586405-3-B	V10-1P7P-38C20	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF67	586405-7-B	V10-1P7P-38C20-LH	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LF68	586405-4-B	V10-1P7P-38D20	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LF69	586405-8-B	V10-1P7P-38D20-LH	3/4 - 11 Tooth Splined	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LH84	385857-1-B	V10-1S7S-11A20	9 Tooth SAE A Splined	SAE	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LH85	385857-5-B	V10-1S7S-11A20-LH	9 Tooth SAE A Splined	SAE	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LH86	385857-2-B	V10-1S7S-11B20	9 Tooth SAE A Splined	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LH87	385857-6-B	V10-1S7S-11B20-LH	9 Tooth SAE A Splined	SAE	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LH88	385857-3-B	V10-1S7S-11C20	9 Tooth SAE A Splined	SAE	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LH89	385857-7-B	V10-1S7S-11C20-LH	9 Tooth SAE A Splined	SAE	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LH90	385857-4-B	V10-1S7S-11D20	9 Tooth SAE A Splined	SAE	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LH91	385857-8-B	V10-1S7S-11D20-LH	9 Tooth SAE A Splined	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LH92	401055-1-B	V10-1S7S-12A20	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LH93	401055-5-B	V10-1S7S-12A20-LH	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LH94	401055-2-B	V10-1S7S-12B20	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LH95	401055-6-B	V10-1S7S-12B20-LH	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LH96	401055-3-B	V10-1S7S-12C20	13 Tooth SAE B Splined	SAE	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LH97	401055-7-B	V10-1S7S-12C20-LH	13 Tooth SAE B Splined	SAE	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LH98	401055-4-B	V10-1S7S-12D20	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LH99	401055-8-B	V10-1S7S-12D20-LH	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LJ11	382095-1-B	V10-1S7S-1A20	3/4 Straight Keyed	SAE	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LJ12	382095-5-B	V10-1S7S-1A20-LH	3/4 Straight Keyed	SAE	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LJ13	382095-2-B	V10-1S7S-1B20	3/4 Straight Keyed	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LJ14	382095-6-B	V10-1S7S-1B20-LH	3/4 Straight Keyed	SAE	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LJ15	382095-3-B	V10-1S7S-1C20	3/4 Straight Keyed	SAE	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	

This page is part of a complete catalog which contains technical and safety data that must be reviewed when selecting a product



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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers V10 Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code. See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LJ16	382095-7-B	V10-1S7S-1C20-LH	3/4 Straight Keyed	SAE	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LJ17	382095-4-B	V10-1S7S-1D20	3/4 Straight Keyed	SAE	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LJ18	382095-8-B	V10-1S7S-1D20-LH	3/4 Straight Keyed	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LJ19	452380-1-B	V10-1S7S-38A20	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	Opposite Inlet Port	CW	2000 PSI 2800 RPM	12.00	
C1LJ20	452380-5-B	V10-1S7S-38A20-LH	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	Opposite Inlet Port	CCW	2000 PSI 2800 RPM	12.00	
C1LJ21	452380-2-B	V10-1S7S-38B20	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LJ22	452380-6-B	V10-1S7S-38B20-LH	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	90° CW from Outlet	CCW	2000 PSI 2800 RPM	12.00	
C1LJ23	452380-3-B	V10-1S7S-38C20	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LJ24	452380-7-B	V10-1S7S-38C20-LH	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LJ25	452380-4-B	V10-1S7S-38D20	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	90° CW from Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LJ26	452380-8-B	V10-1S7S-38D20-LH	3/4 - 11 Tooth Splined	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2000 PSI 2800 RPM	12.00	
C1LL53	719AR00056A-B	V10-6S7S-12C20	13 Tooth SAE B Splined	SAE	1.39	07	10.5	in-Line with Inlet	CW	2000 PSI 2800 RPM	12.00	
C1LL54	719AR00014A-B	V10-6S7S-12C20-LH	13 Tooth SAE B Splined	SAE	1.39	07	10.5	in-Line with Inlet	CCW	2000 PSI 2800 RPM	12.00	

Note: Flow: GPM @ 1800 RPM & 100 PSI. Displacement: Cubic inches per revolution. Max PSI & Max RPM based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure. Min Speed: 600 RPM.

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Parts for Vickers® V10 Vane Pumps



1 Mounting & Inlet Port Connection			
Code	Description	Body	Qty
1P	SAE "A" with 1" NPT Pipe Thread	352699	1
1S	SAE "A" with 1-5/16-12 Straight Thread	317668	1
6S	SAE "B" with Straight Thread	452305	1

2 GPM Ring Assembly							
Code	Description	Cart Kit	Qty	Bolts	Qty	Pins	Qty
1	1 GPM at 1200 rpm	923471	1	011156	4	002460	2
2	2 GPM at 1200 rpm	923470	1	011156	4	002460	2
3	3 GPM at 1200 rpm	923496	1	011156	4	002460	2
4	4 GPM at 1200 rpm	923469	1	001278	4	039640	2
5	5 GPM at 1200 rpm	923468	1	001278	4	039640	2
6	6 GPM at 1200 rpm	923497	1	001278	4	016662	2
7	7 GPM at 1200 rpm	923498	1	001278	4	016662	2

3 Outlet Port Connection			
Code	Description	Cover	Qty
P	1" NPT Pipe Thread	372863	1
S	1-5/16-12 Straight Thread	372865	1

4 Shaft					
Code	Description	Shaft	Qty	Key	Qty
1	3/4" Straight Keyed Shaft	374338	1	142843	1
11	9 Tooth Spline	374339	1	N/A	0
12	13 Tooth Spline	375480	1	N/A	0
38	11 Tooth Spline	387481	1	N/A	0

5 Pressure Port Position (viewed from cover end)	
Code	Description
A	Opposite inlet
B	90 degree CCW from inlet
C	Inline with inlet
D	90 degree CW from inlet

6 Pump Rotation (viewed from shaft end)	
Code	Description
LH	Left Hand rotation (CCW)
Blank	Right Hand rotation (CW)

Used in All Pump Assemblies			
Description	P/N	Qty	
Spring	345262	1	
Pressure Plate	374343	1	
Shaft seal	263585	1	
Retaining ring	106641	1	
Bearing	148423	1	
Retaining ring	087541	1	

Parts for Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
•C1AK63	148423	Bearing	0.16	
C1LB42	352699	Body, SAE-A, 1" NPT Inlet		
C1LB39	317668	Body, SAE-A, Straight Thread Inlet		
C1LB52	452305	Body, SAE-B, Straight Thread Inlet	6.62	
C1CC33	923471	Cartridge Kit, Ring Size 01	1.31	
C1CC32	923470	Cartridge Kit, Ring Size 02	1.33	
C1CC35	923496	Cartridge Kit, Ring Size 03	1.30	
C1CC31	923469	Cartridge Kit, Ring Size 04	1.82	
C1CC30	923468	Cartridge Kit, Ring Size 05	1.79	
C1CC36	923497	Cartridge Kit, Ring Size 06	2.23	
•C1CC37	923498	Cartridge Kit, Ring Size 07	2.20	
C1LB44	372863	Outlet Port, 1" NPT		
C1LB45	372865	Outlet Port, Straight Thread		
C1AB15	002460	Pin for Pumps with Ring Size 01 02 03	0.01	
C1AD66	039640	Pin for Pumps with Ring Size 04 05	0.15	
C1AB97	016662	Pin for Pumps with Ring Size 06 07	0.02	
C1JZ38	374343	Pressure Plate Sub Assy	0.67	
C1LA92	106641	Retaining Ring		
C1LA90	087541	Retaining Ring	0.10	
C1AB92	011156	Bolts for Pumps with Ring Size 01 02 03	0.11	

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Parts for Vickers® V10 Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
C1AA63	001278	Bolts for Pumps with Ring Size 04 05 06 07	0.12	
•C1CC38	923548	Seal Kit, Buna-N	0.04	
C1BM54	374338	#1 Shaft, 3/4" Straight Keyed	0.43	
•C1BM55	374339	#11 Shaft, 9 Tooth SAE A Splined	0.32	
•C1EH16	387481	#38 Shft, 11 Tooth Splined	0.35	
•C1BM56	375480	#12 Shaft, 13 Tooth SAE B Splined	0.44	
C1AK61	142843	Shaft Key, 3/16 x 1	0.01	
•C1BH93	263585	Shaft Seal, Buna-N	0.02	
C1LB40	345262	Spring		

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 Vickers V10F Series Vane Pumps • To 10.5 GPM @ 1800 RPM



Vickers® V10F Vane Pumps Flow Control Cover



The Flow Control Cover limits flow to the operating system to the desired maximum. Excess flow is diverted to tank. A relief valve is included that limits maximum system pressure.

Unless noted otherwise, all pumps have: 2-Bolt SAE A Mounting Flange. 1" NPT Inlet, 3/4-16 St.Thd. Outlet, 1/2" NPT Tank.

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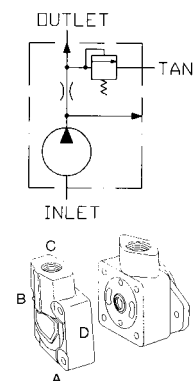
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Dimensions: page 577

Replacement Parts: page 106

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Pumps are stocked as shown in table.
ANY inlet position and rotation is available for same-day shipment.
See Model Codes page to select a different model code.

Vickers® V10F Vane Pumps • Flow Control Cover

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow Rate & Relief Setting	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
•C1AD43	02-306253-1	V10F-1P4P-11A4D20	9 Tooth SAE A Splined	0.80	04	4.0 GPM 1000 PSI	Opposite inlet (A)	CW	2500 PSI 3400 RPM	12.67	

Flow Rate: Orifice Flow Rate (GPM). Non-adjustable pressure compensated fixed orifice in rear cover.

Relief Setting: Non-adjustable replaceable cartridge.

Displacement: Cubic inches per revolution.

Max. PSI & Max. RPM: Based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure.

Minimum Speed: 600 RPM.

Vickers Part No.	Vickers Model	Ring Size	Cartridge Kit	Shaft	Shaft Key	Shaft Seal	Seal Kit
•02-306253-1	V10F-1P4P-11A4D20	04	02-341777	374339 9Tooth-SAE-A-Splined	--	263585	923548

Vickers® V10F Vane Pumps • Replacement Parts List

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MG55	432509	Bolt, Sizes 01-03		
C1MG36	295344	Bolt, Sizes 04-05		
C1MG56	432511	Bolt, Sizes 06-07		
C1CC33	923471	Cartridge Kit, Ring Size 01	1.31	
C1CC32	923470	Cartridge Kit, Ring Size 02	1.33	
C1CC35	923496	Cartridge Kit, Ring Size 03	1.30	
C1CC31	923469	Cartridge Kit, Ring Size 04	1.82	
C1CC30	923468	Cartridge Kit, Ring Size 05	1.79	
C1CC36	923497	Cartridge Kit, Ring Size 06	2.23	
•C1CC37	923498	Cartridge Kit, Ring Size 07	2.20	
C1MG40	372851	Cover, "T" Connection		

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Vickers® V10F Vane Pumps • Replacement Parts List

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MG42	379543	Cover, "P" Connection		
C1JS74	002456	Pin for Sizes 04 and 05	0.01	
C1MG41	374865	Plug		
C1JZ38	374343	Pressure Plate Sub Assy	0.67	
C1MG26	155023	Ring		
•C1CC38	923548	Seal Kit, Buna-N	0.04	
•C1BH93	263585	Shaft Seal, Buna-N	0.02	
C1BM54	374338	#1 Shaft, 3/4" Straight Keyed	0.43	
•C1BM55	374339	#11 Shaft, 9Tooth SAE A Splined	0.32	
•C1BM56	375480	#12 Shaft, 13Tooth SAE B Splined	0.44	
•C1EH16	387481	#38 Shaft, 11 Tooth Splined	0.35	
C1AK61	142843	Shaft Key, 3/16 x 1	0.01	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM

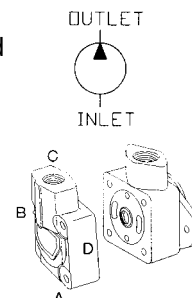


Vickers® V20 Vane Pumps



Mounting Flange: 2-Bolt SAE A or 2-Bolt SAE B
Ports: 1-1/4" NPT inlet and 3/4" NPT outlet, or 1-5/8"-12 SAE inlet and 1-1/16"-12 outlet.
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Specifications: page 575
Model Codes: page 576
Dimensions: page 578
Replacement Parts: page 130

Foot Brackets: page 201



Pumps are available as shown in table.
Additional configurations are available for delivery in 24-48 hours.
See Model Codes page to select a different configuration.
Items ending with "-B" are assembled and tested in-house using genuine Eaton/Vickers parts and are not painted.

Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LN23	02-143242-1-B	V20-1P5P-11A11	11 Tooth Splined Extended Length	NPT	1	05	7.5	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN24	02-143242-5-B	V20-1P5P-11A11-L	11 Tooth Splined Extended Length	NPT	1	05	7.5	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN25	02-143242-2-B	V20-1P5P-11B11	11 Tooth Splined Extended Length	NPT	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN26	02-143242-6-B	V20-1P5P-11B11-L	11 Tooth Splined Extended Length	NPT	1	05	7.5	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN27	02-143242-3-B	V20-1P5P-11C11	11 Tooth Splined Extended Length	NPT	1	05	7.5	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN28	02-143242-7-B	V20-1P5P-11C11-L	11 Tooth Splined Extended Length	NPT	1	05	7.5	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN29	02-143242-4-B	V20-1P5P-11D11	11 Tooth Splined Extended Length	NPT	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN30	02-143242-8-B	V20-1P5P-11D11-L	11 Tooth Splined Extended Length	NPT	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN31	02-322277-1-B	V20-1P5P-15A11	13 Tooth SAE B Splined	NPT	1	05	7.5	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN32	02-322277-5-B	V20-1P5P-15A11-L	13 Tooth SAE B Splined	NPT	1	05	7.5	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN33	02-322277-2-B	V20-1P5P-15B11	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN34	02-322277-6-B	V20-1P5P-15B11-L	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN35	02-322277-3-B	V20-1P5P-15C11	13 Tooth SAE B Splined	NPT	1	05	7.5	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN36	02-322277-7-B	V20-1P5P-15C11-L	13 Tooth SAE B Splined	NPT	1	05	7.5	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN37	02-322277-4-B	V20-1P5P-15D11	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN38	02-322277-8-B	V20-1P5P-15D11-L	13 Tooth SAE B Splined	NPT	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	

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Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LN39	875445-1-B	V20-1P5P-1A11	3/4 Stright Keyed	NPT	1	05	7.5	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN40	875445-5-B	V20-1P5P-1A11-L	3/4 Stright Keyed	NPT	1	05	7.5	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN41	875445-2-B	V20-1P5P-1B11	3/4 Stright Keyed	NPT	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN42	875445-6-B	V20-1P5P-1B11-L	3/4 Stright Keyed	NPT	1	05	7.5	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN43	875445-3-B	V20-1P5P-1C11	3/4 Stright Keyed	NPT	1	05	7.5	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN44	875445-7-B	V20-1P5P-1C11-L	3/4 Stright Keyed	NPT	1	05	7.5	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN45	875445-4-B	V20-1P5P-1D11	3/4 Stright Keyed	NPT	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN46	875445-8-B	V20-1P5P-1D11-L	3/4 Stright Keyed	NPT	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR60	02-345217-1-B	V20-1S5S-1A11	3/4 Stright Keyed	SAE	1	05	7.5	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR61	02-345217-5-B	V20-1S5S-1A11-L	3/4 Stright Keyed	SAE	1	05	7.5	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR62	02-345217-2-B	V20-1S5S-1B11	3/4 Stright Keyed	SAE	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR63	02-345217-6-B	V20-1S5S-1B11-L	3/4 Stright Keyed	SAE	1	05	7.5	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR64	02-345217-3-B	V20-1S5S-1C11	3/4 Stright Keyed	SAE	1	05	7.5	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR65	02-345217-7-B	V20-1S5S-1C11-L	3/4 Stright Keyed	SAE	1	05	7.5	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR66	02-345217-4-B	V20-1S5S-1D11	3/4 Stright Keyed	SAE	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR67	02-345217-8-B	V20-1S5S-1D11-L	3/4 Stright Keyed	SAE	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LU77	720AR00005A-B	V20-6S5S-15C11	13 Tooth SAE B Splined	SAE	1	05	7.5	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LU78	720AR00004A-B	V20-6S5S-15C11-L	13 Tooth SAE B Splined	SAE	1	05	7.5	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LU81	02-334118-1-B	V20-6S5S-1A11	3/4 Stright Keyed	SAE	1	05	7.5	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LU82	02-334118-5-B	V20-6S5S-1A11-L	3/4 Stright Keyed	SAE	1	05	7.5	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LU83	02-334118-2-B	V20-6S5S-1B11	3/4 Stright Keyed	SAE	1	05	7.5	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LU84	02-334118-6-B	V20-6S5S-1B11-L	3/4 Stright Keyed	SAE	1	05	7.5	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LU85	02-334118-3-B	V20-6S5S-1C11	3/4 Stright Keyed	SAE	1	05	7.5	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LU86	02-334118-7-B	V20-6S5S-1C11-L	3/4 Stright Keyed	SAE	1	05	7.5	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LU87	02-334118-4-B	V20-6S5S-1D11	3/4 Stright Keyed	SAE	1	05	7.5	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LU88	02-334118-8-B	V20-6S5S-1D11-L	3/4 Stright Keyed	SAE	1	05	7.5	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN55	372746-1-B	V20-1P6P-11A11	11 Tooth Splined Extended Length	NPT	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN56	372746-5-B	V20-1P6P-11A11-L	11 Tooth Splined Extended Length	NPT	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN57	372746-2-B	V20-1P6P-11B11	11 Tooth Splined Extended Length	NPT	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LN58	372746-6-B	V20-1P6P-11B11-L	11 Tooth Splined Extended Length	NPT	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN59	372746-3-B	V20-1P6P-11C11	11 Tooth Splined Extended Length	NPT	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN60	372746-7-B	V20-1P6P-11C11-L	11 Tooth Splined Extended Length	NPT	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN61	372746-4-B	V20-1P6P-11D11	11 Tooth Splined Extended Length	NPT	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN62	372746-8-B	V20-1P6P-11D11-L	11 Tooth Splined Extended Length	NPT	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN63	385535-1-B	V20-1P6P-15A11	13 Tooth SAE B Splined	NPT	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN64	385535-5-B	V20-1P6P-15A11-L	13 Tooth SAE B Splined	NPT	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN65	385535-2-B	V20-1P6P-15B11	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN66	385535-6-B	V20-1P6P-15B11-L	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN67	385535-3-B	V20-1P6P-15C11	13 Tooth SAE B Splined	NPT	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN68	385535-7-B	V20-1P6P-15C11-L	13 Tooth SAE B Splined	NPT	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN69	385535-4-B	V20-1P6P-15D11	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN70	385535-8-B	V20-1P6P-15D11-L	13 Tooth SAE B Splined	NPT	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN71	372613-1-B	V20-1P6P-1A11	3/4 Stright Keyed	NPT	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN72	372613-5-B	V20-1P6P-1A11-L	3/4 Stright Keyed	NPT	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN73	372613-2-B	V20-1P6P-1B11	3/4 Stright Keyed	NPT	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN74	372613-6-B	V20-1P6P-1B11-L	3/4 Stright Keyed	NPT	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN75	372613-3-B	V20-1P6P-1C11	3/4 Stright Keyed	NPT	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN76	372613-7-B	V20-1P6P-1C11-L	3/4 Stright Keyed	NPT	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN77	372613-4-B	V20-1P6P-1D11	3/4 Stright Keyed	NPT	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN78	372613-8-B	V20-1P6P-1D11-L	3/4 Stright Keyed	NPT	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN79	389463-1-B	V20-1P6P-38A11	11 Tooth Splined - Short	NPT	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN80	389463-5-B	V20-1P6P-38A11-L	11 Tooth Splined - Short	NPT	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN81	389463-2-B	V20-1P6P-38B11	11 Tooth Splined - Short	NPT	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN82	389463-6-B	V20-1P6P-38B11-L	11 Tooth Splined - Short	NPT	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN83	389463-3-B	V20-1P6P-38C11	11 Tooth Splined - Short	NPT	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN84	389463-7-B	V20-1P6P-38C11-L	11 Tooth Splined - Short	NPT	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN85	389463-4-B	V20-1P6P-38D11	11 Tooth Splined - Short	NPT	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LN86	389463-8-B	V20-1P6P-38D11-L	11 Tooth Splined - Short	NPT	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	

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Pumps & Accessories

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 Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LR76	372594-1-B	V20-1S6S-11A11	11 Tooth Splined Extended Length	SAE	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR77	372594-5-B	V20-1S6S-11A11-L	11 Tooth Splined Extended Length	SAE	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR78	372594-2-B	V20-1S6S-11B11	11 Tooth Splined Extended Length	SAE	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR79	372594-6-B	V20-1S6S-11B11-L	11 Tooth Splined Extended Length	SAE	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR80	372594-3-B	V20-1S6S-11C11	11 Tooth Splined Extended Length	SAE	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR81	372594-7-B	V20-1S6S-11C11-L	11 Tooth Splined Extended Length	SAE	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR82	372594-4-B	V20-1S6S-11D11	11 Tooth Splined Extended Length	SAE	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR83	372594-8-B	V20-1S6S-11D11-L	11 Tooth Splined Extended Length	SAE	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR84	385520-1-B	V20-1S6S-15A11	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR85	385520-5-B	V20-1S6S-15A11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR86	385520-2-B	V20-1S6S-15B11	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR87	385520-6-B	V20-1S6S-15B11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR88	385520-3-B	V20-1S6S-15C11	13 Tooth SAE B Splined	SAE	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR89	385520-7-B	V20-1S6S-15C11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR90	385520-4-B	V20-1S6S-15D11	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR91	385520-8-B	V20-1S6S-15D11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR92	372585-1-B	V20-1S6S-1A11	3/4 Stright Keyed	SAE	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR93	372585-5-B	V20-1S6S-1A11-L	3/4 Stright Keyed	SAE	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR94	372585-2-B	V20-1S6S-1B11	3/4 Stright Keyed	SAE	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR95	372585-6-B	V20-1S6S-1B11-L	3/4 Stright Keyed	SAE	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR96	372585-3-B	V20-1S6S-1C11	3/4 Stright Keyed	SAE	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR97	372585-7-B	V20-1S6S-1C11-L	3/4 Stright Keyed	SAE	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LR98	372585-4-B	V20-1S6S-1D11	3/4 Stright Keyed	SAE	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LR99	372585-8-B	V20-1S6S-1D11-L	3/4 Stright Keyed	SAE	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LS11	418930-1-B	V20-1S6S-38A11	11 Tooth Splined - Short	SAE	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LS12	418930-5-B	V20-1S6S-38A11-L	11 Tooth Splined - Short	SAE	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LS13	418930-2-B	V20-1S6S-38B11	11 Tooth Splined - Short	SAE	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LS14	418930-6-B	V20-1S6S-38B11-L	11 Tooth Splined - Short	SAE	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LS15	418930-3-B	V20-1S6S-38C11	11 Tooth Splined - Short	SAE	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	





Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
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Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LS16	418930-7-B	V20-1S6S-38C11-L	11 Tooth Splined - Short	SAE	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LS17	418930-4-B	V20-1S6S-38D11	11 Tooth Splined - Short	SAE	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LS18	418930-8-B	V20-1S6S-38D11-L	11 Tooth Splined - Short	SAE	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LV14	720AR00014A-B	V20-6S6S-11D11	11 Tooth Splined Extended Length	SAE	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LV15	720AR00015A-B	V20-6S6S-11D11-L	11 Tooth Splined Extended Length	SAE	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LV16	02-102226-1-B	V20-6S6S-15A11	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LV17	02-102226-5-B	V20-6S6S-15A11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	Opposite Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LV18	02-102226-2-B	V20-6S6S-15B11	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CCW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LV19	02-102226-6-B	V20-6S6S-15B11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CCW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LV20	02-102226-3-B	V20-6S6S-15C11	13 Tooth SAE B Splined	SAE	1.19	06	9	Inline with Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LV21	02-102226-7-B	V20-6S6S-15C11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	Inline with Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LV22	02-102226-4-B	V20-6S6S-15D11	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CW	2500 PSI 3400 RPM	16.00	
C1LV23	02-102226-8-B	V20-6S6S-15D11-L	13 Tooth SAE B Splined	SAE	1.19	06	9	90° CW from Inlet	CCW	2500 PSI 3400 RPM	16.00	
C1LN87	399221-1-B	V20-1P7P-11A11	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LN88	399221-5-B	V20-1P7P-11A11-L	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LN89	399221-2-B	V20-1P7P-11B11	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LN90	399221-6-B	V20-1P7P-11B11-L	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LN91	399221-3-B	V20-1P7P-11C11	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LN92	399221-7-B	V20-1P7P-11C11-L	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LN93	399221-4-B	V20-1P7P-11D11	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LN94	399221-8-B	V20-1P7P-11D11-L	11 Tooth Splined Extended Length	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LN95	393711-1-B	V20-1P7P-15A11	13 Tooth SAE B Splined	NPT	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LN96	393711-5-B	V20-1P7P-15A11-L	13 Tooth SAE B Splined	NPT	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LN97	393711-2-B	V20-1P7P-15B11	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LN98	393711-6-B	V20-1P7P-15B11-L	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LN99	393711-3-B	V20-1P7P-15C11	13 Tooth SAE B Splined	NPT	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP11	393711-7-B	V20-1P7P-15C11-L	13 Tooth SAE B Splined	NPT	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP12	393711-4-B	V20-1P7P-15D11	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP13	393711-8-B	V20-1P7P-15D11-L	13 Tooth SAE B Splined	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LP14	394450-1-B	V20-1P7P-1A11	3/4 Stright Keyed	NPT	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP15	394450-5-B	V20-1P7P-1A11-L	3/4 Stright Keyed	NPT	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP16	394450-2-B	V20-1P7P-1B11	3/4 Stright Keyed	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP17	394450-6-B	V20-1P7P-1B11-L	3/4 Stright Keyed	NPT	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP18	394450-3-B	V20-1P7P-1C11	3/4 Stright Keyed	NPT	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP19	394450-7-B	V20-1P7P-1C11-L	3/4 Stright Keyed	NPT	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP20	394450-4-B	V20-1P7P-1D11	3/4 Stright Keyed	NPT	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP21	394450-8-B	V20-1P7P-1D11-L	3/4 Stright Keyed	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP22	431789-1-B	V20-1P7P-38A11	11 Tooth Splined - Short	NPT	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP23	431789-5-B	V20-1P7P-38A11-L	11 Tooth Splined - Short	NPT	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP24	431789-2-B	V20-1P7P-38B11	11 Tooth Splined - Short	NPT	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP25	431789-6-B	V20-1P7P-38B11-L	11 Tooth Splined - Short	NPT	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP26	431789-3-B	V20-1P7P-38C11	11 Tooth Splined - Short	NPT	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP27	431789-7-B	V20-1P7P-38C11-L	11 Tooth Splined - Short	NPT	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP28	431789-4-B	V20-1P7P-38D11	11 Tooth Splined - Short	NPT	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LP29	431789-8-B	V20-1P7P-38D11-L	11 Tooth Splined - Short	NPT	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS19	401088-1-B	V20-1S7S-11A11	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS20	401088-5-B	V20-1S7S-11A11-L	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS21	401088-2-B	V20-1S7S-11B11	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS22	401088-6-B	V20-1S7S-11B11-L	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS23	401088-3-B	V20-1S7S-11C11	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS24	401088-7-B	V20-1S7S-11C11-L	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS25	401088-4-B	V20-1S7S-11D11	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS26	401088-8-B	V20-1S7S-11D11-L	11 Tooth Splined Extended Length	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS27	574677-1-B	V20-1S7S-15A11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS28	574677-5-B	V20-1S7S-15A11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS29	574677-2-B	V20-1S7S-15B11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS30	574677-6-B	V20-1S7S-15B11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS31	574677-3-B	V20-1S7S-15C11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	



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Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LS32	574677-7-B	V20-1S7S-15C11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS33	574677-4-B	V20-1S7S-15D11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS34	574677-8-B	V20-1S7S-15D11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS35	393719-1-B	V20-1S7S-1A11	3/4 Stright Keyed	SAE	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS36	393719-5-B	V20-1S7S-1A11-L	3/4 Stright Keyed	SAE	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS37	393719-2-B	V20-1S7S-1B11	3/4 Stright Keyed	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS38	393719-6-B	V20-1S7S-1B11-L	3/4 Stright Keyed	SAE	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS39	393719-3-B	V20-1S7S-1C11	3/4 Stright Keyed	SAE	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS40	393719-7-B	V20-1S7S-1C11-L	3/4 Stright Keyed	SAE	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS41	393719-4-B	V20-1S7S-1D11	3/4 Stright Keyed	SAE	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS42	393719-8-B	V20-1S7S-1D11-L	3/4 Stright Keyed	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS43	02-334748-1-B	V20-1S7S-38A11	11 Tooth Splined - Short	SAE	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS44	02-334748-5-B	V20-1S7S-38A11-L	11 Tooth Splined - Short	SAE	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS45	02-334748-2-B	V20-1S7S-38B11	11 Tooth Splined - Short	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS46	02-334748-6-B	V20-1S7S-38B11-L	11 Tooth Splined - Short	SAE	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS47	02-334748-3-B	V20-1S7S-38C11	11 Tooth Splined - Short	SAE	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS48	02-334748-7-B	V20-1S7S-38C11-L	11 Tooth Splined - Short	SAE	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LS49	02-334748-4-B	V20-1S7S-38D11	11 Tooth Splined - Short	SAE	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LS50	02-334748-8-B	V20-1S7S-38D11-L	11 Tooth Splined - Short	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LV48	478057-1-B	V20-6S7S-15A11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Opposite Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LV49	478057-5-B	V20-6S7S-15A11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Opposite Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LV50	478057-2-B	V20-6S7S-15B11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CCW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LV51	478057-6-B	V20-6S7S-15B11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CCW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LV52	478057-3-B	V20-6S7S-15C11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Inline with Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LV53	478057-7-B	V20-6S7S-15C11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	Inline with Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LV54	478057-4-B	V20-6S7S-15D11	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CW from Inlet	CW	2500 PSI 3000 RPM	16.00	
C1LV55	478057-8-B	V20-6S7S-15D11-L	13 Tooth SAE B Splined	SAE	1.39	07	10.5	90° CW from Inlet	CCW	2500 PSI 3000 RPM	16.00	
C1LP30	372756-1-B	V20-1P8P-11A11	11 Tooth Splined Extended Length	NPT	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP31	372756-5-B	V20-1P8P-11A11-L	11 Tooth Splined Extended Length	NPT	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LP32	372756-2-B	V20-1P8P-11B11	11 Tooth Splined Extended Length	NPT	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP33	372756-6-B	V20-1P8P-11B11-L	11 Tooth Splined Extended Length	NPT	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP34	372756-3-B	V20-1P8P-11C11	11 Tooth Splined Extended Length	NPT	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP35	372756-7-B	V20-1P8P-11C11-L	11 Tooth Splined Extended Length	NPT	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP36	372756-4-B	V20-1P8P-11D11	11 Tooth Splined Extended Length	NPT	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP37	372756-8-B	V20-1P8P-11D11-L	11 Tooth Splined Extended Length	NPT	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP38	372736-1-B	V20-1P8P-15A11	13 Tooth SAE B Splined	NPT	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP39	372736-5-B	V20-1P8P-15A11-L	13 Tooth SAE B Splined	NPT	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP40	372736-2-B	V20-1P8P-15B11	13 Tooth SAE B Splined	NPT	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP41	372736-6-B	V20-1P8P-15B11-L	13 Tooth SAE B Splined	NPT	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP42	372736-3-B	V20-1P8P-15C11	13 Tooth SAE B Splined	NPT	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP43	372736-7-B	V20-1P8P-15C11-L	13 Tooth SAE B Splined	NPT	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP44	372736-4-B	V20-1P8P-15D11	13 Tooth SAE B Splined	NPT	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP45	372736-8-B	V20-1P8P-15D11-L	13 Tooth SAE B Splined	NPT	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP46	372639-1-B	V20-1P8P-1A11	3/4 Stright Keyed	NPT	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP47	372639-5-B	V20-1P8P-1A11-L	3/4 Stright Keyed	NPT	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP48	372639-2-B	V20-1P8P-1B11	3/4 Stright Keyed	NPT	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP49	372639-6-B	V20-1P8P-1B11-L	3/4 Stright Keyed	NPT	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP50	372639-3-B	V20-1P8P-1C11	3/4 Stright Keyed	NPT	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP51	372639-7-B	V20-1P8P-1C11-L	3/4 Stright Keyed	NPT	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP52	372639-4-B	V20-1P8P-1D11	3/4 Stright Keyed	NPT	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP53	372639-8-B	V20-1P8P-1D11-L	3/4 Stright Keyed	NPT	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP54	433338-1-B	V20-1P8P-38A11	11 Tooth Splined - Short	NPT	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP55	433338-5-B	V20-1P8P-38A11-L	11 Tooth Splined - Short	NPT	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP56	433338-2-B	V20-1P8P-38B11	11 Tooth Splined - Short	NPT	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP57	433338-6-B	V20-1P8P-38B11-L	11 Tooth Splined - Short	NPT	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP58	433338-3-B	V20-1P8P-38C11	11 Tooth Splined - Short	NPT	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP59	433338-7-B	V20-1P8P-38C11-L	11 Tooth Splined - Short	NPT	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP60	433338-4-B	V20-1P8P-38D11	11 Tooth Splined - Short	NPT	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
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Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LP61	433338-8-B	V20-1P8P-38D11-L	11 Tooth Splined - Short	NPT	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS51	385533-1-B	V20-1S8S-11A11	11 Tooth Splined Extended Length	SAE	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS52	385533-5-B	V20-1S8S-11A11-L	11 Tooth Splined Extended Length	SAE	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS53	385533-2-B	V20-1S8S-11B11	11 Tooth Splined Extended Length	SAE	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS54	385533-6-B	V20-1S8S-11B11-L	11 Tooth Splined Extended Length	SAE	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS55	385533-3-B	V20-1S8S-11C11	11 Tooth Splined Extended Length	SAE	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS56	385533-7-B	V20-1S8S-11C11-L	11 Tooth Splined Extended Length	SAE	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS57	385533-4-B	V20-1S8S-11D11	11 Tooth Splined Extended Length	SAE	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS58	385533-8-B	V20-1S8S-11D11-L	11 Tooth Splined Extended Length	SAE	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS59	373670-1-B	V20-1S8S-15A11	13 Tooth SAE B Splined	SAE	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS60	373670-5-B	V20-1S8S-15A11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS61	373670-2-B	V20-1S8S-15B11	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS62	373670-6-B	V20-1S8S-15B11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS63	373670-3-B	V20-1S8S-15C11	13 Tooth SAE B Splined	SAE	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS64	373670-7-B	V20-1S8S-15C11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS65	373670-4-B	V20-1S8S-15D11	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS66	373670-8-B	V20-1S8S-15D11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS67	372564-1-B	V20-1S8S-1A11	3/4 Stright Keyed	SAE	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS68	372564-5-B	V20-1S8S-1A11-L	3/4 Stright Keyed	SAE	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS69	372564-2-B	V20-1S8S-1B11	3/4 Stright Keyed	SAE	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS70	372564-6-B	V20-1S8S-1B11-L	3/4 Stright Keyed	SAE	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS71	372564-3-B	V20-1S8S-1C11	3/4 Stright Keyed	SAE	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS72	372564-7-B	V20-1S8S-1C11-L	3/4 Stright Keyed	SAE	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS73	372564-4-B	V20-1S8S-1D11	3/4 Stright Keyed	SAE	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS74	372564-8-B	V20-1S8S-1D11-L	3/4 Stright Keyed	SAE	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS75	576970-1-B	V20-1S8S-38A11	11 Tooth Splined - Short	SAE	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS76	576970-5-B	V20-1S8S-38A11-L	11 Tooth Splined - Short	SAE	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS77	576970-2-B	V20-1S8S-38B11	11 Tooth Splined - Short	SAE	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS78	576970-6-B	V20-1S8S-38B11-L	11 Tooth Splined - Short	SAE	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LS79	576970-3-B	V20-1S8S-38C11	11 Tooth Splined - Short	SAE	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS80	576970-7-B	V20-1S8S-38C11-L	11 Tooth Splined - Short	SAE	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS81	576970-4-B	V20-1S8S-38D11	11 Tooth Splined - Short	SAE	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS82	576970-8-B	V20-1S8S-38D11-L	11 Tooth Splined - Short	SAE	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV80	02-151574-1-B	V20-6S8S-15A11	13 Tooth SAE B Splined	SAE	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV81	02-151574-5-B	V20-6S8S-15A11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV82	02-151574-2-B	V20-6S8S-15B11	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV83	02-151574-6-B	V20-6S8S-15B11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV84	02-151574-3-B	V20-6S8S-15C11	13 Tooth SAE B Splined	SAE	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV85	02-151574-7-B	V20-6S8S-15C11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV86	02-151574-4-B	V20-6S8S-15D11	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV87	02-151574-8-B	V20-6S8S-15D11-L	13 Tooth SAE B Splined	SAE	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV88	02-466262-1-B	V20-6S8S-1A11	3/4 Stright Keyed	SAE	1.62	08	12	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV89	02-466262-5-B	V20-6S8S-1A11-L	3/4 Stright Keyed	SAE	1.62	08	12	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV90	02-466262-2-B	V20-6S8S-1B11	3/4 Stright Keyed	SAE	1.62	08	12	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV91	02-466262-6-B	V20-6S8S-1B11-L	3/4 Stright Keyed	SAE	1.62	08	12	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV92	02-466262-3-B	V20-6S8S-1C11	3/4 Stright Keyed	SAE	1.62	08	12	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV93	02-466262-7-B	V20-6S8S-1C11-L	3/4 Stright Keyed	SAE	1.62	08	12	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LV94	02-466262-4-B	V20-6S8S-1D11	3/4 Stright Keyed	SAE	1.62	08	12	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LV95	02-466262-8-B	V20-6S8S-1D11-L	3/4 Stright Keyed	SAE	1.62	08	12	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP62	383526-1-B	V20-1P9P-11A11	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP63	383526-5-B	V20-1P9P-11A11-L	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP64	383526-2-B	V20-1P9P-11B11	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP65	383526-6-B	V20-1P9P-11B11-L	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP66	383526-3-B	V20-1P9P-11C11	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP67	383526-7-B	V20-1P9P-11C11-L	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP68	383526-4-B	V20-1P9P-11D11	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP69	383526-8-B	V20-1P9P-11D11-L	11 Tooth Splined Extended Length	NPT	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP70	407502-1-B	V20-1P9P-15A11	13 Tooth SAE B Splined	NPT	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
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Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LP71	407502-5-B	V20-1P9P-15A11-L	13 Tooth SAE B Splined	NPT	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP72	407502-2-B	V20-1P9P-15B11	13 Tooth SAE B Splined	NPT	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP73	407502-6-B	V20-1P9P-15B11-L	13 Tooth SAE B Splined	NPT	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP74	407502-3-B	V20-1P9P-15C11	13 Tooth SAE B Splined	NPT	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP75	407502-7-B	V20-1P9P-15C11-L	13 Tooth SAE B Splined	NPT	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP76	407502-4-B	V20-1P9P-15D11	13 Tooth SAE B Splined	NPT	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP77	407502-8-B	V20-1P9P-15D11-L	13 Tooth SAE B Splined	NPT	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP78	358357-1-B	V20-1P9P-1A11	3/4 Stright Keyed	NPT	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP79	358357-5-B	V20-1P9P-1A11-L	3/4 Stright Keyed	NPT	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP80	358357-2-B	V20-1P9P-1B11	3/4 Stright Keyed	NPT	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP81	358357-6-B	V20-1P9P-1B11-L	3/4 Stright Keyed	NPT	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP82	358357-3-B	V20-1P9P-1C11	3/4 Stright Keyed	NPT	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP83	358357-7-B	V20-1P9P-1C11-L	3/4 Stright Keyed	NPT	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP84	358357-4-B	V20-1P9P-1D11	3/4 Stright Keyed	NPT	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP85	358357-8-B	V20-1P9P-1D11-L	3/4 Stright Keyed	NPT	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP86	424838-1-B	V20-1P9P-38A11	11 Tooth Splined - Short	NPT	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP87	424838-5-B	V20-1P9P-38A11-L	11 Tooth Splined - Short	NPT	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP88	424838-2-B	V20-1P9P-38B11	11 Tooth Splined - Short	NPT	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP89	424838-6-B	V20-1P9P-38B11-L	11 Tooth Splined - Short	NPT	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP90	424838-3-B	V20-1P9P-38C11	11 Tooth Splined - Short	NPT	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP91	424838-7-B	V20-1P9P-38C11-L	11 Tooth Splined - Short	NPT	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LP92	424838-4-B	V20-1P9P-38D11	11 Tooth Splined - Short	NPT	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LP93	424838-8-B	V20-1P9P-38D11-L	11 Tooth Splined - Short	NPT	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS83	415716-1-B	V20-1S9S-11A11	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS84	415716-5-B	V20-1S9S-11A11-L	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS85	415716-2-B	V20-1S9S-11B11	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS86	415716-6-B	V20-1S9S-11B11-L	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS87	415716-3-B	V20-1S9S-11C11	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS88	415716-7-B	V20-1S9S-11C11-L	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	

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Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LS89	415716-4-B	V20-1S9S-11D11	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS90	415716-8-B	V20-1S9S-11D11-L	11 Tooth Splined Extended Length	SAE	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS91	380297-1-B	V20-1S9S-15A11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS92	380297-5-B	V20-1S9S-15A11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS93	380297-2-B	V20-1S9S-15B11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS94	380297-6-B	V20-1S9S-15B11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS95	380297-3-B	V20-1S9S-15C11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS96	380297-7-B	V20-1S9S-15C11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS97	380297-4-B	V20-1S9S-15D11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LS98	380297-8-B	V20-1S9S-15D11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LS99	372586-1-B	V20-1S9S-1A11	3/4 Stright Keyed	SAE	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT11	372586-5-B	V20-1S9S-1A11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LT12	372586-2-B	V20-1S9S-1B11	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT13	372586-6-B	V20-1S9S-1B11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LT14	372586-3-B	V20-1S9S-1C11	3/4 Stright Keyed	SAE	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT15	372586-7-B	V20-1S9S-1C11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LT16	372586-4-B	V20-1S9S-1D11	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT17	372586-8-B	V20-1S9S-1D11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LT18	576980-1-B	V20-1S9S-38A11	11 Tooth Splined - Short	SAE	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT19	576980-5-B	V20-1S9S-38A11-L	11 Tooth Splined - Short	SAE	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LT20	576980-2-B	V20-1S9S-38B11	11 Tooth Splined - Short	SAE	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT21	576980-6-B	V20-1S9S-38B11-L	11 Tooth Splined - Short	SAE	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LT22	576980-3-B	V20-1S9S-38C11	11 Tooth Splined - Short	SAE	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT23	576980-7-B	V20-1S9S-38C11-L	11 Tooth Splined - Short	SAE	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LT24	576980-4-B	V20-1S9S-38D11	11 Tooth Splined - Short	SAE	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LT25	576980-8-B	V20-1S9S-38D11-L	11 Tooth Splined - Short	SAE	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW23	02-345506-1-B	V20-6S9S-15A11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LW24	02-345506-5-B	V20-6S9S-15A11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW25	02-345506-2-B	V20-6S9S-15B11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LW26	02-345506-6-B	V20-6S9S-15B11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW27	02-345506-3-B	V20-6S9S-15C11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LW28	02-345506-7-B	V20-6S9S-15C11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW29	02-345506-4-B	V20-6S9S-15D11	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LW30	02-345506-8-B	V20-6S9S-15D11-L	13 Tooth SAE B Splined	SAE	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW31	02-346200-1-B	V20-6S9S-1A11	3/4 Stright Keyed	SAE	1.81	09	13.5	Opposite Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LW32	02-346200-5-B	V20-6S9S-1A11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	Opposite Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW33	02-346200-2-B	V20-6S9S-1B11	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CCW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LW34	02-346200-6-B	V20-6S9S-1B11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW35	02-346200-3-B	V20-6S9S-1C11	3/4 Stright Keyed	SAE	1.81	09	13.5	Inline with Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LW36	02-346200-7-B	V20-6S9S-1C11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	Inline with Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LW37	02-346200-4-B	V20-6S9S-1D11	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CW from Inlet	CW	2500 PSI 2800 RPM	16.00	
C1LW38	02-346200-8-B	V20-6S9S-1D11-L	3/4 Stright Keyed	SAE	1.81	09	13.5	90° CW from Inlet	CCW	2500 PSI 2800 RPM	16.00	
C1LL85	720AR00195A-B	V20-1P10P-15C11	13 Tooth SAE B Splined	NPT	2	10	15	Inline with Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LL89	391763-1-B	V20-1P10P-1A11	3/4 Stright Keyed	NPT	2	10	15	Opposite Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LL90	391763-5-B	V20-1P10P-1A11-L	3/4 Stright Keyed	NPT	2	10	15	Opposite Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LL91	391763-2-B	V20-1P10P-1B11	3/4 Stright Keyed	NPT	2	10	15	90° CCW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LL92	391763-6-B	V20-1P10P-1B11-L	3/4 Stright Keyed	NPT	2	10	15	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LL93	391763-3-B	V20-1P10P-1C11	3/4 Stright Keyed	NPT	2	10	15	Inline with Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LL94	391763-7-B	V20-1P10P-1C11-L	3/4 Stright Keyed	NPT	2	10	15	Inline with Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LL95	391763-4-B	V20-1P10P-1D11	3/4 Stright Keyed	NPT	2	10	15	90° CW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LL96	391763-8-B	V20-1P10P-1D11-L	3/4 Stright Keyed	NPT	2	10	15	90° CW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LL97	02-125318-1-B	V20-1P10P-38A11	11 Tooth Splined - Short	NPT	2	10	15	Opposite Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LL98	02-125318-5-B	V20-1P10P-38A11-L	11 Tooth Splined - Short	NPT	2	10	15	Opposite Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LL99	02-125318-2-B	V20-1P10P-38B11	11 Tooth Splined - Short	NPT	2	10	15	90° CCW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LM11	02-125318-6-B	V20-1P10P-38B11-L	11 Tooth Splined - Short	NPT	2	10	15	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LM12	02-125318-3-B	V20-1P10P-38C11	11 Tooth Splined - Short	NPT	2	10	15	Inline with Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LM13	02-125318-7-B	V20-1P10P-38C11-L	11 Tooth Splined - Short	NPT	2	10	15	Inline with Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LM14	02-125318-4-B	V20-1P10P-38D11	11 Tooth Splined - Short	NPT	2	10	15	90° CW from Inlet	CW	2500 PSI 2800 RPM	17.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LM15	02-125318-8-B	V20-1P10P-38D1 1-L	11 Tooth Splined - Short	NPT	2	10	15	90° CW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ13	02-466627-1-B	V20-1S10S-15A1 1	13 Tooth SAE B Splined	SAE	2	10	15	Opposite Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ14	02-466627-5-B	V20-1S10S-15A1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	Opposite Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ15	02-466627-2-B	V20-1S10S-15B1 1	13 Tooth SAE B Splined	SAE	2	10	15	90° CCW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ16	02-466627-6-B	V20-1S10S-15B1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ17	02-466627-3-B	V20-1S10S-15C1 1	13 Tooth SAE B Splined	SAE	2	10	15	Inline with Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ18	02-466627-7-B	V20-1S10S-15C1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	Inline with Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ19	02-466627-4-B	V20-1S10S-15D1 1	13 Tooth SAE B Splined	SAE	2	10	15	90° CW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ20	02-466627-8-B	V20-1S10S-15D1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	90° CW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ21	02-322148-1-B	V20-1S10S-1A11	3/4 Stright Keyed	SAE	2	10	15	Opposite Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ22	02-322148-5-B	V20-1S10S-1A11 -L	3/4 Stright Keyed	SAE	2	10	15	Opposite Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ23	02-322148-2-B	V20-1S10S-1B11	3/4 Stright Keyed	SAE	2	10	15	90° CCW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ24	02-322148-6-B	V20-1S10S-1B11 -L	3/4 Stright Keyed	SAE	2	10	15	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ25	02-322148-3-B	V20-1S10S-1C11	3/4 Stright Keyed	SAE	2	10	15	Inline with Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ26	02-322148-7-B	V20-1S10S-1C11 -L	3/4 Stright Keyed	SAE	2	10	15	Inline with Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ27	02-322148-4-B	V20-1S10S-1D11	3/4 Stright Keyed	SAE	2	10	15	90° CW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ28	02-322148-8-B	V20-1S10S-1D11 -L	3/4 Stright Keyed	SAE	2	10	15	90° CW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ29	02-151688-1-B	V20-1S10S-38A1 1	11 Tooth Splined - Short	SAE	2	10	15	Opposite Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ30	02-151688-5-B	V20-1S10S-38A1 1-L	11 Tooth Splined - Short	SAE	2	10	15	Opposite Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ31	02-151688-2-B	V20-1S10S-38B1 1	11 Tooth Splined - Short	SAE	2	10	15	90° CCW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ32	02-151688-6-B	V20-1S10S-38B1 1-L	11 Tooth Splined - Short	SAE	2	10	15	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ33	02-151688-3-B	V20-1S10S-38C1 1	11 Tooth Splined - Short	SAE	2	10	15	Inline with Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ34	02-151688-7-B	V20-1S10S-38C1 1-L	11 Tooth Splined - Short	SAE	2	10	15	Inline with Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LQ35	02-151688-4-B	V20-1S10S-38D1 1	11 Tooth Splined - Short	SAE	2	10	15	90° CW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LQ36	02-151688-8-B	V20-1S10S-38D1 1-L	11 Tooth Splined - Short	SAE	2	10	15	90° CW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LT34	478237-1-B	V20-6S10S-15A1 1	13 Tooth SAE B Splined	SAE	2	10	15	Opposite Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LT35	478237-5-B	V20-6S10S-15A1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	Opposite Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LT36	478237-2-B	V20-6S10S-15B1 1	13 Tooth SAE B Splined	SAE	2	10	15	90° CCW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LT37	478237-6-B	V20-6S10S-15B1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	90° CCW from Inlet	CCW	2500 PSI 2800 RPM	17.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LT38	478237-3-B	V20-6S10S-15C1 1	13 Tooth SAE B Splined	SAE	2	10	15	Inline with Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LT39	478237-7-B	V20-6S10S-15C1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	Inline with Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LT40	478237-4-B	V20-6S10S-15D1 1	13 Tooth SAE B Splined	SAE	2	10	15	90° CW from Inlet	CW	2500 PSI 2800 RPM	17.00	
C1LT41	478237-8-B	V20-6S10S-15D1 1-L	13 Tooth SAE B Splined	SAE	2	10	15	90° CW from Inlet	CCW	2500 PSI 2800 RPM	17.00	
C1LM16	390925-1-B	V20-1P11P-11A1 1	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM17	390925-5-B	V20-1P11P-11A1 1-L	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM18	390925-2-B	V20-1P11P-11B1 1	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM19	390925-6-B	V20-1P11P-11B1 1-L	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM20	390925-3-B	V20-1P11P-11C1 1	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM21	390925-7-B	V20-1P11P-11C1 1-L	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM22	390925-4-B	V20-1P11P-11D1 1	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM23	390925-8-B	V20-1P11P-11D1 1-L	11 Tooth Splined Extended Length	NPT	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM24	372646-1-B	V20-1P11P-15A1 1	13 Tooth SAE B Splined	NPT	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM25	372646-5-B	V20-1P11P-15A1 1-L	13 Tooth SAE B Splined	NPT	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM26	372646-2-B	V20-1P11P-15B1 1	13 Tooth SAE B Splined	NPT	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM27	372646-6-B	V20-1P11P-15B1 1-L	13 Tooth SAE B Splined	NPT	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM28	372646-3-B	V20-1P11P-15C1 1	13 Tooth SAE B Splined	NPT	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM29	372646-7-B	V20-1P11P-15C1 1-L	13 Tooth SAE B Splined	NPT	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM30	372646-4-B	V20-1P11P-15D1 1	13 Tooth SAE B Splined	NPT	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM31	372646-8-B	V20-1P11P-15D1 1-L	13 Tooth SAE B Splined	NPT	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM32	372617-1-B	V20-1P11P-1A11	3/4 Stright Keyed	NPT	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM33	372617-5-B	V20-1P11P-1A11 -L	3/4 Stright Keyed	NPT	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM34	372617-2-B	V20-1P11P-1B11	3/4 Stright Keyed	NPT	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM35	372617-6-B	V20-1P11P-1B11 -L	3/4 Stright Keyed	NPT	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM36	372617-3-B	V20-1P11P-1C11	3/4 Stright Keyed	NPT	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM37	372617-7-B	V20-1P11P-1C11 -L	3/4 Stright Keyed	NPT	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM38	372617-4-B	V20-1P11P-1D11	3/4 Stright Keyed	NPT	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM39	372617-8-B	V20-1P11P-1D11 -L	3/4 Stright Keyed	NPT	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM40	406555-1-B	V20-1P11P-38A1 1	11 Tooth Splined - Short	NPT	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	

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Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LM41	406555-5-B	V20-1P11P-38A1-1-L	11 Tooth Splined - Short	NPT	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM42	406555-2-B	V20-1P11P-38B1-1	11 Tooth Splined - Short	NPT	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM43	406555-6-B	V20-1P11P-38B1-1-L	11 Tooth Splined - Short	NPT	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM44	406555-3-B	V20-1P11P-38C1-1	11 Tooth Splined - Short	NPT	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM45	406555-7-B	V20-1P11P-38C1-1-L	11 Tooth Splined - Short	NPT	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM46	406555-4-B	V20-1P11P-38D1-1	11 Tooth Splined - Short	NPT	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LM47	406555-8-B	V20-1P11P-38D1-1-L	11 Tooth Splined - Short	NPT	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ37	372580-1-B	V20-1S11S-11A1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ38	372580-5-B	V20-1S11S-11A1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ39	372580-2-B	V20-1S11S-11B1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ40	372580-6-B	V20-1S11S-11B1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ41	372580-3-B	V20-1S11S-11C1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ42	372580-7-B	V20-1S11S-11C1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ43	372580-4-B	V20-1S11S-11D1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ44	372580-8-B	V20-1S11S-11D1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ45	372591-1-B	V20-1S11S-15A1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ46	372591-5-B	V20-1S11S-15A1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ47	372591-2-B	V20-1S11S-15B1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ48	372591-6-B	V20-1S11S-15B1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ49	372591-3-B	V20-1S11S-15C1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ50	372591-7-B	V20-1S11S-15C1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ51	372591-4-B	V20-1S11S-15D1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ52	372591-8-B	V20-1S11S-15D1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ53	358358-1-B	V20-1S11S-1A11	3/4 Stright Keyed	SAE	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ54	358358-5-B	V20-1S11S-1A11-L	3/4 Stright Keyed	SAE	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ55	358358-2-B	V20-1S11S-1B11	3/4 Stright Keyed	SAE	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ56	358358-6-B	V20-1S11S-1B11-L	3/4 Stright Keyed	SAE	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ57	358358-3-B	V20-1S11S-1C11	3/4 Stright Keyed	SAE	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ58	358358-7-B	V20-1S11S-1C11-L	3/4 Stright Keyed	SAE	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LQ59	358358-4-B	V20-1S11S-1D11	3/4 Stright Keyed	SAE	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ60	358358-8-B	V20-1S11S-1D11-L	3/4 Stright Keyed	SAE	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ61	426653-1-B	V20-1S11S-38A1-1	11 Tooth Splined - Short	SAE	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ62	426653-5-B	V20-1S11S-38A1-1-L	11 Tooth Splined - Short	SAE	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ63	426653-2-B	V20-1S11S-38B1-1	11 Tooth Splined - Short	SAE	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ64	426653-6-B	V20-1S11S-38B1-1-L	11 Tooth Splined - Short	SAE	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ65	426653-3-B	V20-1S11S-38C1-1	11 Tooth Splined - Short	SAE	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ66	426653-7-B	V20-1S11S-38C1-1-L	11 Tooth Splined - Short	SAE	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LQ67	426653-4-B	V20-1S11S-38D1-1	11 Tooth Splined - Short	SAE	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LQ68	426653-8-B	V20-1S11S-38D1-1-L	11 Tooth Splined - Short	SAE	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT58	02-102398-1-B	V20-6S11S-11A1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT59	02-102398-5-B	V20-6S11S-11A1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT60	02-102398-2-B	V20-6S11S-11B1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT61	02-102398-6-B	V20-6S11S-11B1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT62	02-102398-3-B	V20-6S11S-11C1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT63	02-102398-7-B	V20-6S11S-11C1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT64	02-102398-4-B	V20-6S11S-11D1-1	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT65	02-102398-8-B	V20-6S11S-11D1-1-L	11 Tooth Splined Extended Length	SAE	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT66	591418-1-B	V20-6S11S-15A1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Opposite Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT67	591418-5-B	V20-6S11S-15A1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Opposite Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT68	591418-2-B	V20-6S11S-15B1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CCW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT69	591418-6-B	V20-6S11S-15B1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CCW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT70	591418-3-B	V20-6S11S-15C1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Inline with Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT71	591418-7-B	V20-6S11S-15C1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	Inline with Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LT72	591418-4-B	V20-6S11S-15D1-1	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CW from Inlet	CW	2500 PSI 2500 RPM	17.00	
C1LT73	591418-8-B	V20-6S11S-15D1-1-L	13 Tooth SAE B Splined	SAE	2.22	11	16.5	90° CW from Inlet	CCW	2500 PSI 2500 RPM	17.00	
C1LM48	584195-1-B	V20-1P12P-11A1-1	11 Tooth Splined Extended Length	NPT	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM49	584195-5-B	V20-1P12P-11A1-1-L	11 Tooth Splined Extended Length	NPT	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM50	584195-2-B	V20-1P12P-11B1-1	11 Tooth Splined Extended Length	NPT	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LM51	584195-6-B	V20-1P12P-11B1 1-L	11 Tooth Splined Extended Length	NPT	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM52	584195-3-B	V20-1P12P-11C1 1	11 Tooth Splined Extended Length	NPT	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM53	584195-7-B	V20-1P12P-11C1 1-L	11 Tooth Splined Extended Length	NPT	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM54	584195-4-B	V20-1P12P-11D1 1	11 Tooth Splined Extended Length	NPT	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM55	584195-8-B	V20-1P12P-11D1 1-L	11 Tooth Splined Extended Length	NPT	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM56	399748-1-B	V20-1P12P-15A1 1	13 Tooth SAE B Splined	NPT	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM57	399748-5-B	V20-1P12P-15A1 1-L	13 Tooth SAE B Splined	NPT	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM58	399748-2-B	V20-1P12P-15B1 1	13 Tooth SAE B Splined	NPT	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM59	399748-6-B	V20-1P12P-15B1 1-L	13 Tooth SAE B Splined	NPT	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM60	399748-3-B	V20-1P12P-15C1 1	13 Tooth SAE B Splined	NPT	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM61	399748-7-B	V20-1P12P-15C1 1-L	13 Tooth SAE B Splined	NPT	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM62	399748-4-B	V20-1P12P-15D1 1	13 Tooth SAE B Splined	NPT	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM63	399748-8-B	V20-1P12P-15D1 1-L	13 Tooth SAE B Splined	NPT	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM64	393723-1-B	V20-1P12P-1A11	3/4 Stright Keyed	NPT	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM65	393723-5-B	V20-1P12P-1A11 -L	3/4 Stright Keyed	NPT	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM66	393723-2-B	V20-1P12P-1B11	3/4 Stright Keyed	NPT	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM67	393723-6-B	V20-1P12P-1B11 -L	3/4 Stright Keyed	NPT	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM68	393723-3-B	V20-1P12P-1C11	3/4 Stright Keyed	NPT	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM69	393723-7-B	V20-1P12P-1C11 -L	3/4 Stright Keyed	NPT	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM70	393723-4-B	V20-1P12P-1D11	3/4 Stright Keyed	NPT	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM71	393723-8-B	V20-1P12P-1D11 -L	3/4 Stright Keyed	NPT	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM72	578167-1-B	V20-1P12P-38A1 1	11 Tooth Splined - Short	NPT	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM73	578167-5-B	V20-1P12P-38A1 1-L	11 Tooth Splined - Short	NPT	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM74	578167-2-B	V20-1P12P-38B1 1	11 Tooth Splined - Short	NPT	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM75	578167-6-B	V20-1P12P-38B1 1-L	11 Tooth Splined - Short	NPT	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM76	578167-3-B	V20-1P12P-38C1 1	11 Tooth Splined - Short	NPT	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM77	578167-7-B	V20-1P12P-38C1 1-L	11 Tooth Splined - Short	NPT	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM78	578167-4-B	V20-1P12P-38D1 1	11 Tooth Splined - Short	NPT	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM79	578167-8-B	V20-1P12P-38D1 1-L	11 Tooth Splined - Short	NPT	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LQ69	588701-1-B	V20-1S12S-11A1 1	11 Tooth Splined Extended Length	SAE	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ70	588701-5-B	V20-1S12S-11A1 1-L	11 Tooth Splined Extended Length	SAE	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ71	588701-2-B	V20-1S12S-11B1 1	11 Tooth Splined Extended Length	SAE	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ72	588701-6-B	V20-1S12S-11B1 1-L	11 Tooth Splined Extended Length	SAE	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ73	588701-3-B	V20-1S12S-11C1 1	11 Tooth Splined Extended Length	SAE	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ74	588701-7-B	V20-1S12S-11C1 1-L	11 Tooth Splined Extended Length	SAE	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ75	588701-4-B	V20-1S12S-11D1 1	11 Tooth Splined Extended Length	SAE	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ76	588701-8-B	V20-1S12S-11D1 1-L	11 Tooth Splined Extended Length	SAE	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ77	414762-1-B	V20-1S12S-15A1 1	13 Tooth SAE B Splined	SAE	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ78	414762-5-B	V20-1S12S-15A1 1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ79	414762-2-B	V20-1S12S-15B1 1	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ80	414762-6-B	V20-1S12S-15B1 1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ81	414762-3-B	V20-1S12S-15C1 1	13 Tooth SAE B Splined	SAE	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ82	414762-7-B	V20-1S12S-15C1 1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ83	414762-4-B	V20-1S12S-15D1 1	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ84	414762-8-B	V20-1S12S-15D1 1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ85	399722-1-B	V20-1S12S-1A11	3/4 Stright Keyed	SAE	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ86	399722-5-B	V20-1S12S-1A11 -L	3/4 Stright Keyed	SAE	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ87	399722-2-B	V20-1S12S-1B11	3/4 Stright Keyed	SAE	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ88	399722-6-B	V20-1S12S-1B11 -L	3/4 Stright Keyed	SAE	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ89	399722-3-B	V20-1S12S-1C11	3/4 Stright Keyed	SAE	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ90	399722-7-B	V20-1S12S-1C11 -L	3/4 Stright Keyed	SAE	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ91	399722-4-B	V20-1S12S-1D11	3/4 Stright Keyed	SAE	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ92	399722-8-B	V20-1S12S-1D11 -L	3/4 Stright Keyed	SAE	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ93	02-315408-1-B	V20-1S12S-38A1 1	11 Tooth Splined - Short	SAE	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ94	02-315408-5-B	V20-1S12S-38A1 1-L	11 Tooth Splined - Short	SAE	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ95	02-315408-2-B	V20-1S12S-38B1 1	11 Tooth Splined - Short	SAE	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LQ96	02-315408-6-B	V20-1S12S-38B1 1-L	11 Tooth Splined - Short	SAE	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ97	02-315408-3-B	V20-1S12S-38C1 1	11 Tooth Splined - Short	SAE	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	

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Pumps & Accessories

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Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LQ98	02-315408-7-B	V20-1S12S-38C1-1-L	11 Tooth Splined - Short	SAE	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LQ99	02-315408-4-B	V20-1S12S-38D1-1	11 Tooth Splined - Short	SAE	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR11	02-315408-8-B	V20-1S12S-38D1-1-L	11 Tooth Splined - Short	SAE	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LT98	02-142805-1-B	V20-6S12S-15A1-1	13 Tooth SAE B Splined	SAE	2.38	12	18	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LT99	02-142805-5-B	V20-6S12S-15A1-1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LU11	02-142805-2-B	V20-6S12S-15B1-1	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LU12	02-142805-6-B	V20-6S12S-15B1-1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LU13	02-142805-3-B	V20-6S12S-15C1-1	13 Tooth SAE B Splined	SAE	2.38	12	18	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LU14	02-142805-7-B	V20-6S12S-15C1-1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LU15	02-142805-4-B	V20-6S12S-15D1-1	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LU16	02-142805-8-B	V20-6S12S-15D1-1-L	13 Tooth SAE B Splined	SAE	2.38	12	18	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM80	374344-1-B	V20-1P13P-11A1-1	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM81	374344-5-B	V20-1P13P-11A1-1-L	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM82	374344-2-B	V20-1P13P-11B1-1	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM83	374344-6-B	V20-1P13P-11B1-1-L	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM84	374344-3-B	V20-1P13P-11C1-1	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM85	374344-7-B	V20-1P13P-11C1-1-L	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM86	374344-4-B	V20-1P13P-11D1-1	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM87	374344-8-B	V20-1P13P-11D1-1-L	11 Tooth Splined Extended Length	NPT	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM88	373669-1-B	V20-1P13P-15A1-1	13 Tooth SAE B Splined	NPT	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM89	373669-5-B	V20-1P13P-15A1-1-L	13 Tooth SAE B Splined	NPT	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM90	373669-2-B	V20-1P13P-15B1-1	13 Tooth SAE B Splined	NPT	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM91	373669-6-B	V20-1P13P-15B1-1-L	13 Tooth SAE B Splined	NPT	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM92	373669-3-B	V20-1P13P-15C1-1	13 Tooth SAE B Splined	NPT	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM93	373669-7-B	V20-1P13P-15C1-1-L	13 Tooth SAE B Splined	NPT	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM94	373669-4-B	V20-1P13P-15D1-1	13 Tooth SAE B Splined	NPT	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM95	373669-8-B	V20-1P13P-15D1-1-L	13 Tooth SAE B Splined	NPT	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LM96	372606-1-B	V20-1P13P-1A11	3/4 Stright Keyed	NPT	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM97	372606-5-B	V20-1P13P-1A11-L	3/4 Stright Keyed	NPT	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LM98	372606-2-B	V20-1P13P-1B11	3/4 Stright Keyed	NPT	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LM99	372606-6-B	V20-1P13P-1B11-L	3/4 Stright Keyed	NPT	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LN11	372606-3-B	V20-1P13P-1C11	3/4 Stright Keyed	NPT	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1BM49	372606-3	V20-1P13P-1C11	3/4 Straight Keyed	NPT	2.59	13	19.5	In-line with inlet (C)	CW	2200 PSI 2400 RPM	18.05	
C1LN12	372606-7-B	V20-1P13P-1C11-L	3/4 Stright Keyed	NPT	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LN13	372606-4-B	V20-1P13P-1D11	3/4 Stright Keyed	NPT	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LN14	372606-8-B	V20-1P13P-1D11-L	3/4 Stright Keyed	NPT	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LN15	424884-1-B	V20-1P13P-38A1-1	11 Tooth Splined - Short	NPT	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LN16	424884-5-B	V20-1P13P-38A1-1-L	11 Tooth Splined - Short	NPT	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LN17	424884-2-B	V20-1P13P-38B1-1	11 Tooth Splined - Short	NPT	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LN18	424884-6-B	V20-1P13P-38B1-1-L	11 Tooth Splined - Short	NPT	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LN19	424884-3-B	V20-1P13P-38C1-1	11 Tooth Splined - Short	NPT	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LN20	424884-7-B	V20-1P13P-38C1-1-L	11 Tooth Splined - Short	NPT	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LN21	424884-4-B	V20-1P13P-38D1-1	11 Tooth Splined - Short	NPT	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LN22	424884-8-B	V20-1P13P-38D1-1-L	11 Tooth Splined - Short	NPT	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1KK80	720AR00236A	V20-1P13S-38C1-1L-063	11 Tooth Splined - 3/4" OD	NPT	2.59	13	19.5	In-line with inlet (C)	CCW	2200 PSI 2400 RPM	17.70	
C1LR12	372579-1-B	V20-1S13S-11A1-1	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR13	372579-5-B	V20-1S13S-11A1-1-L	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR14	372579-2-B	V20-1S13S-11B1-1	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR15	372579-6-B	V20-1S13S-11B1-1-L	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR16	372579-3-B	V20-1S13S-11C1-1	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR17	372579-7-B	V20-1S13S-11C1-1-L	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR18	372579-4-B	V20-1S13S-11D1-1	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR19	372579-8-B	V20-1S13S-11D1-1-L	11 Tooth Splined Extended Length	SAE	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR20	372598-1-B	V20-1S13S-15A1-1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR21	372598-5-B	V20-1S13S-15A1-1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR22	372598-2-B	V20-1S13S-15B1-1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR23	372598-6-B	V20-1S13S-15B1-1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR24	372598-3-B	V20-1S13S-15C1-1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	

This page is part of a complete catalog which contains technical and safety data that must be reviewed when selecting a product



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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model Code See Note Above	Shaft	Ports	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1LR25	372598-7-B	V20-1S13S-15C1 1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR26	372598-4-B	V20-1S13S-15D1 1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR27	372598-8-B	V20-1S13S-15D1 1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR28	372561-1-B	V20-1S13S-1A11	3/4 Stright Keyed	SAE	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR29	372561-5-B	V20-1S13S-1A11 -L	3/4 Stright Keyed	SAE	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR30	372561-2-B	V20-1S13S-1B11	3/4 Stright Keyed	SAE	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR31	372561-6-B	V20-1S13S-1B11 -L	3/4 Stright Keyed	SAE	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR32	372561-3-B	V20-1S13S-1C11	3/4 Stright Keyed	SAE	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR33	372561-7-B	V20-1S13S-1C11 -L	3/4 Stright Keyed	SAE	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR34	372561-4-B	V20-1S13S-1D11	3/4 Stright Keyed	SAE	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR35	372561-8-B	V20-1S13S-1D11 -L	3/4 Stright Keyed	SAE	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR36	428669-1-B	V20-1S13S-38A1 1	11 Tooth Splined - Short	SAE	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR37	428669-5-B	V20-1S13S-38A1 1-L	11 Tooth Splined - Short	SAE	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LA87	02-347239-2	V20-1S13S-38B1 1-063	11 Tooth Splined - Short	SAE	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR38	428669-2-B	V20-1S13S-38B1 1	11 Tooth Splined - Short	SAE	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR39	428669-6-B	V20-1S13S-38B1 1-L	11 Tooth Splined - Short	SAE	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR40	428669-3-B	V20-1S13S-38C1 1	11 Tooth Splined - Short	SAE	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1KH71	02-347239-7	V20-1S13S-38C1 1LH-063	11 Tooth Splined - Short	SAE	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	17.80	
C1LR41	428669-7-B	V20-1S13S-38C1 1-L	11 Tooth Splined - Short	SAE	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LR42	428669-4-B	V20-1S13S-38D1 1	11 Tooth Splined - Short	SAE	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LR43	428669-8-B	V20-1S13S-38D1 1-L	11 Tooth Splined - Short	SAE	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LU41	573212-1-B	V20-6S13S-15A1 1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Opposite Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LU42	573212-5-B	V20-6S13S-15A1 1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Opposite Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LU43	573212-2-B	V20-6S13S-15B1 1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CCW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LU44	573212-6-B	V20-6S13S-15B1 1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CCW from Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LU45	573212-3-B	V20-6S13S-15C1 1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Inline with Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LU46	573212-7-B	V20-6S13S-15C1 1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	Inline with Inlet	CCW	2200 PSI 2400 RPM	18.00	
C1LU47	573212-4-B	V20-6S13S-15D1 1	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CW from Inlet	CW	2200 PSI 2400 RPM	18.00	
C1LU48	573212-8-B	V20-6S13S-15D1 1-L	13 Tooth SAE B Splined	SAE	2.59	13	19.5	90° CW from Inlet	CCW	2200 PSI 2400 RPM	18.00	



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Vickers V20 Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Flow: GPM @ 1800 RPM and 100 PSI.

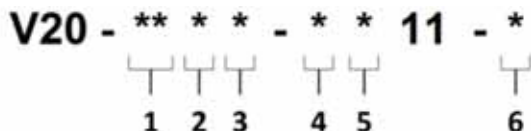
Displacement: Cubic inches per revolution.

Max. PSI & Max. RPM: Based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure.

Minimum Speed: 600 RPM.

Note: -063 suffix is for application down to 0°F. Items in table with Vickers Part Number and Vickers model code reversed are assembled by Eaton/Vickers.

Parts for Vickers® V20 Vane Pumps



1 Mounting & Inlet Port Connection			
Code	Description	Body	Qty
1P	SAE "A" with 1-1/4" NPT Pipe Thread	280689	1
1S	SAE "A" with 1.625-12 Straight Thread	294266	1
6S	SAE "B" with 1.625-12 Straight Thread	295716	1
4P	Face Mount 1-1/4" Pipe Thread	308628	1

5 Pressure Port Position (viewed from cover end)	
Code	Description
A	Opposite inlet
B	90 degree CCW from inlet
C	Inline with inlet
D	90 degree CW from inlet

2 GPM Ring Assembly							
Code	Description	Cart Kit	Qty	Bolts	Qty	Pins	Qty
5	5 GPM at 1200 rpm	02-137559	1	295378	4	002161	2
6	6 GPM at 1200 rpm	02-137560	1	295378	4	002161	2
7	7 GPM at 1200 rpm	02-137561	1	001318	4	002478	2
8	8 GPM at 1200 rpm	02-137562	1	001318	4	002478	2
9	9 GPM at 1200 rpm	02-137563	1	001318	4	002478	2
10	10 GPM at 1200 rpm	02-137564	1	001318	4	016662	2
11	11 GPM at 1200 rpm	02-137565	1	001318	4	016662	2
12	12 GPM at 1200 rpm	02-137566	1	001319	4	009603	2
13	13 GPM at 1200 rpm	02-137567	1	001319	4	009603	2

6 Pump Rotation (viewed from shaft end)	
Code	Description
L	Left Hand rotation (CCW)
Blank	Right Hand rotation (CW)

Used in All Pump Assemblies			
Description	P/N	Qty	
Spring	028422	1	
Pressure Plate	359287	1	
Shaft seal	229235	1	
Retaining ring	098653	1	
Bearing	098574	1	
Retaining ring	109975	1	

3 Outlet Port Connection			
Code	Description	Cover	Qty
P	3/4" NPT Pipe Thread	313657	1
S	1.062-12 Straight Thread	293373	1

4 Shaft					
Code	Description	Shaft	Qty	Key	Qty
1	3/4" Straight Keyed Shaft	280372	1	005881	1
11	11 Tooth Spline	280515	1	N/A	0
15	13 Tooth Spline	294922	1	N/A	0
38	11 Tooth Spline	328096	1	N/A	0

Parts for Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
•C1AD78	098574	Bearing	0.50	
C1LB29	280689	Body, SAE-A flange, 1-1/4" NPT port		
C1LB31	294266	Body, SAE-A flange, 1.625-12 Straight Thread port		
C1LB33	295716	Body, SAE-B flange, 1.625-12 Straight Thread port		
C1LB32	295378	Bolt for Pumps with Ring Size 05, 06		
C1JC15	001318	Bolt for Pumps with Ring Size 07, 08, 08, 10, 11	0.19	
C1AA64	001319	Bolt for Pumps with Ring Size 12, 13	0.20	
C1JC28	02-137559	Cartridge Kit, Ring Size 05	2.66	
C1AC75	02-137560	Cartridge Kit, Ring Size 06	8.00	
C1EG52	02-137561	Cartridge Kit, Ring Size 07	3.56	
C1EG53	02-137562	Cartridge Kit, Ring Size 08	3.58	
C1AC76	02-137563	Cartridge Kit, Ring Size 09	1.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
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Parts for Vickers® V20 Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
C1EG54	02-137564	Cartridge Kit, Ring Size 10	4.56	
C1AC77	02-137565	Cartridge Kit, Ring Size 11	5.00	
C1AC78	02-137566	Cartridge Kit, Ring Size 12	4.93	
C1AC79	02-137567	Cartridge Kit, Ring Size 13	2.00	
C1AB36	005881	Shaft Key for Shaft #1	0.02	
C1MF97	001615	Woodruff Key for Shaft #3	0.01	
C1LB37	313657	Outlet Port, 3/4" NPT		
C1LB30	293373	Outlet Port, 1.062-12 Straight Thread		
C1AA88	002161	Pin for Ring Size 05, 06	0.01	
C1AB16	002478	Pin for Ring Size 07, 08, 09	0.01	
C1AB97	016662	Pin for Ring Size 10, 11	0.01	
C1AB64	009603	Pin for Ring Size 12, 13	0.01	
C1JZ18	359287	Pressure Plate	1.18	
C1LA93	109975	Retaining Ring	0.01	
C1EX24	098653	Retaining Ring	0.01	
•C1BD92	229235	Shaft Seal	0.75	
C1BJ77	280372	Shaft, #1, 3/4" Keyed	0.76	
C1BJ78	280515	Shaft, #11, 11 Tooth Spline	0.75	
•C1BJ92	294922	Shaft, #15, 13 Tooth Spline	0.65	
•C1BM14	328096	Shaft, #38, 11 Tooth Spline	0.56	
C1LA88	028422	Spring		

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers V20F Series Vane Pumps • To 19.5 GPM @ 1800 RPM



Vickers® V20F Vane Pumps Flow Control Cover



The Flow Control Cover limits flow to the operating system to the desired maximum. Excess flow is diverted to tank. A relief valve is included that limits maximum system pressure.

Unless noted otherwise, all pumps have: 2-Bolt SAE A Mounting Flange. 1-1/4" NPT Inlet, 3/4-16 St.Thd. Outlet, 1/2" NPT Tank.

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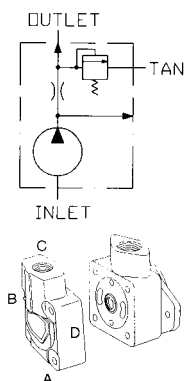
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Replacement Parts: page 132

Foot Brackets: page 201



Pumps are stocked as shown in table.
ANY inlet position and rotation is available for same-day shipment.
See Model Codes page to select a different model code.

Vickers® V20F Vane Pumps • Flow Control Cover

Catalog Part No.	Vickers Part No. - See Note Above	Vickers Model - See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow Rate & Relief Setting	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1FH73	02-141809-5	V20F-1P11P-38A8H-22L	11 Tooth .590 Dia Shorter Length	2.22	11	8.0 GPM 2000 PSI	Opposite inlet (A)	CCW	2500 PSI 2500 RPM	21.47	
C1MZ77	720AR00347A	V20F-1P13P-38D6L-22	11 Tooth .590 Dia Shorter Length	2.59	13	6.0 GPM 2150 PSI	90 Deg. CW from inlet (D)	CW	2200 PSI 2400 RPM	22.13	
C1MZ78	720AR00348A	V20F-1P13P-38C6L-22L	11 Tooth .590 Dia Shorter Length	2.59	13	6.0 GPM 2150 PSI	In-line with inlet ©	CCW	2200 PSI 2400 RPM	22.13	
C1ZZ86	02-141854-7	V20F-1P13P-38C8H22L	11 Tooth .590 Dia Shorter Length	2.59	13	8.0 GPM 2000 PSI	In-line with inlet (C)	CCW	2200 PSI 2400 RPM	22.55	
C1MZ79	720AR00349A	V20F-1P13P-38D8L-22	11 Tooth .590 Dia Shorter Length	2.59	13	8.0 GPM 2150 PSI	90 Deg. CW from inlet (D)	CW	2200 PSI 2400 RPM	22.55	
C1MZ80	720AR00350A	V20F-1P13P-38D8L-22L	11 Tooth .590 Dia Shorter Length	2.59	13	8.0 GPM 2150 PSI	90 Deg. CW from inlet (D)	CCW	2200 PSI 2400 RPM	22.55	

Flow Rate: Orifice Flow Rate (GPM). Non-adjustable pressure compensated fixed orifice in rear cover.

Relief Setting: Non-adjustable replaceable cartridge.

Displacement: Cubic inches per revolution.

Max. PSI & Max. RPM: Based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure.

Minimum Speed: 600 RPM.

Vickers Part No.	Vickers Model	Ring Size	Cartridge Kit	Shaft	Shaft Key	Shaft Seal	Seal Kit
02-141809-5	V20F-1P11P-38A8H-22L	11	02-137565	328096 11Tooth-Splined Shorter	--	229235	922733
720AR00347A	V20F-1P13P-38D6L-22	13	02-137567	328096 11Tooth-Splined Shorter	--	229235	922733
720AR00348A	V20F-1P13P-38C6L-22L	13	02-137567	328096 11Tooth-Splined Shorter	--	229235	922733

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Vickers Part No.	Vickers Model	Ring Size	Cartridge Kit	Shaft	Shaft Key	Shaft Seal	Seal Kit
02-141854-7	V20F-1P13P-38C8H-22L	13	02-137567	328096 11Tooth-Splined Shorter	--	229235	922733
720AR00349 A	V20F-1P13P-38D8L-22	13	02-137567	328096 11Tooth-Splined Shorter	--	229235	922733
720AR00350 A	V20F-1P13P-38D8L-22L	13	02-137567	328096 11Tooth-Splined Shorter	--	229235	922733

Vickers® V20F Vane Pumps • Replacement Parts List

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MG60	583170	Inlet body, #1 SAE A 2-bolt flange, SAE -16 inlet port		
C1KJ92	308628	Inlet body, #4 Face mounting flange, 1-1/4" NPTF inlet port	6.30	
C1JC28	02-137559	Cartridge Kit, Ring Size 05	2.66	
C1AC75	02-137560	Cartridge Kit, Ring Size 06	8.00	
C1EG52	02-137561	Cartridge Kit, Ring Size 07	3.56	
C1EG53	02-137562	Cartridge Kit, Ring Size 08	3.58	
C1AC76	02-137563	Cartridge Kit, Ring Size 09	1.00	
C1EG54	02-137564	Cartridge Kit, Ring Size 10	4.56	
C1AC77	02-137565	Cartridge Kit, Ring Size 11	5.00	
C1AC78	02-137566	Cartridge Kit, Ring Size 12	4.93	
C1AC79	02-137567	Cartridge Kit, Ring Size 13	2.00	
C1MG61	860418	Cover, SAE -8 Pressure outlet port, 1/2" NPT Tank port		
C1MG62	860441	Cover, SAE -8 Pressure outlet port, SAE -12 Tank port		
C1MG25	154129	O-ring for housing plug 374865		
C1AB64	009603	Pin for Pumps with Ring Size 12 13	0.01	
C1MG27	205840	Pin, cover		
C1JZ18	359287	Pressure Plate Sub Assy, Includes 280267 Bushing	1.18	
C1EL28	011165	Screw for Cartridge Kits 05 & 06	0.50	
•C1CB91	922733	Seal Kit, Buna-N	0.08	
C1BJ77	280372	#1 Shaft, 3/4" Straight Keyed	0.76	
C1MG35	280504	#3 Shaft, Threaded straight shaft with woodruff key		
C1BJ78	280515	#11 Shaft, 11Tooth Splined Extended Length	0.75	
•C1BJ92	294922	#15 Shaft, 13 Tooth Splined	0.65	
•C1BM14	328096	#38 Shaft, 11Tooth Splined, Shorter Length	0.56	
C1AB36	005881	Shaft Key, 3/16 x 1-5/8	0.02	
C1MG24	132260	Nut for shaft 280504		
•C1BD92	229235	Shaft Seal, Buna-N	0.75	

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 Vickers 25VQ Series Vane Pumps • To 31.5 GPM @ 1800 RPM

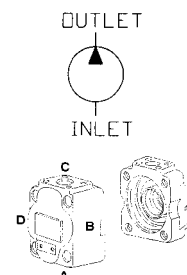


Vickers® 25VQ Vane Pumps For Mobile Applications • High Pressure / High Speed Capability



Unless noted otherwise, all pumps have: 2-Bolt SAE B Mounting Flange. SAE 4-Bolt Flange Ports: 1-1/2" Inlet, 1" Outlet.

- Application Information: page 574
- Specifications: page 581
- Model Codes: page 582
- Dimensions: page 583
- Replacement Parts: page 137
- Port Flange Kits: Flanges page 1252
- Foot Brackets: page 201



Pumps are available as shown in table.
Additional configurations available for delivery in 24-48 hours.
See Model Codes page to select a different model code.
Items ending with "-B" are assembled and tested in-house using genuine Eaton/Vickers parts and are not painted.

Vickers® 25VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MF41	429946-1-B	25VQ12A-11A20	13 Tooth SAE B Splined	2.45	12	18	Opposite Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF45	429946-5-B	25VQ12A-11A20-L	13 Tooth SAE B Splined	2.45	12	18	Opposite Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF42	429946-2-B	25VQ12A-11B20	13 Tooth SAE B Splined	2.45	12	18	90° CW from Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF46	429946-6-B	25VQ12A-11B20-L	13 Tooth SAE B Splined	2.45	12	18	90° CW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF43	429946-3-B	25VQ12A-11C20	13 Tooth SAE B Splined	2.45	12	18	in-Line with Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF47	429946-7-B	25VQ12A-11C20-L	13 Tooth SAE B Splined	2.45	12	18	in-Line with Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF44	429946-4-B	25VQ12A-11D20	13 Tooth SAE B Splined	2.45	12	18	90° CCW from Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF48	429946-8-B	25VQ12A-11D20-L	13 Tooth SAE B Splined	2.45	12	18	90° CCW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1ME98	417994-1-B	25VQ12A-1A20	7/8 Straight Keyed	2.45	12	18	Opposite Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF13	417994-5-B	25VQ12A-1A20-L	7/8 Straight Keyed	2.45	12	18	Opposite Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1ME99	417994-2-B	25VQ12A-1B20	7/8 Straight Keyed	2.45	12	18	90° CW from Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF14	417994-6-B	25VQ12A-1B20-L	7/8 Straight Keyed	2.45	12	18	90° CW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF11	417994-3-B	25VQ12A-1C20	7/8 Straight Keyed	2.45	12	18	in-Line with Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF15	417994-7-B	25VQ12A-1C20-L	7/8 Straight Keyed	2.45	12	18	in-Line with Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF12	417994-4-B	25VQ12A-1D20	7/8 Straight Keyed	2.45	12	18	90° CCW from Outlet	CW	3000 PSI 2700 RPM	32.00	

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Vickers® 25VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MF16	417994-8-B	25VQ12A-1D20-L	7/8 Straight Keyed	2.45	12	18	90° CCW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF17	421472-1-B	25VQ14A-11A20	13 Tooth SAE B Splined	2.77	14	21.5	Opposite Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF21	421472-5-B	25VQ14A-11A20-L	13 Tooth SAE B Splined	2.77	14	21.5	Opposite Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF18	421472-2-B	25VQ14A-11B20	13 Tooth SAE B Splined	2.77	14	21.5	90° CW from Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF22	421472-6-B	25VQ14A-11B20-L	13 Tooth SAE B Splined	2.77	14	21.5	90° CW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF19	421472-3-B	25VQ14A-11C20	13 Tooth SAE B Splined	2.77	14	21.5	in-Line with Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MF23	421472-7-B	25VQ14A-11C20-L	13 Tooth SAE B Splined	2.77	14	21.5	in-Line with Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF20	421472-4-B	25VQ14A-11D20	13 Tooth SAE B Splined	2.77	14	21.5	90° CCW from Outlet	CW	3000 PSI 2700 RPM	32.00	
C1MZ35	421472-8	25VQ14A-11D20L	13 Tooth SAE B Splined	2.77	14	21.5	90° CCW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF24	421472-8-B	25VQ14A-11D20-L	13 Tooth SAE B Splined	2.77	14	21.5	90° CCW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1ME90	417993-1-B	25VQ14A-1A20	7/8 Straight Keyed	2.77	14	21.5	Opposite Outlet	CW	3000 PSI 2700 RPM	32.00	
C1ME94	417993-5-B	25VQ14A-1A20-L	7/8 Straight Keyed	2.77	14	21.5	Opposite Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1ME91	417993-2-B	25VQ14A-1B20	7/8 Straight Keyed	2.77	14	21.5	90° CW from Outlet	CW	3000 PSI 2700 RPM	32.00	
C1ME95	417993-6-B	25VQ14A-1B20-L	7/8 Straight Keyed	2.77	14	21.5	90° CW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1ME92	417993-3-B	25VQ14A-1C20	7/8 Straight Keyed	2.77	14	21.5	in-Line with Outlet	CW	3000 PSI 2700 RPM	32.00	
C1ME96	417993-7-B	25VQ14A-1C20-L	7/8 Straight Keyed	2.77	14	21.5	in-Line with Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1ME93	417993-4-B	25VQ14A-1D20	7/8 Straight Keyed	2.77	14	21.5	90° CCW from Outlet	CW	3000 PSI 2700 RPM	32.00	
C1ME97	417993-8-B	25VQ14A-1D20-L	7/8 Straight Keyed	2.77	14	21.5	90° CCW from Outlet	CCW	3000 PSI 2700 RPM	32.00	
C1MF25	421475-1-B	25VQ17A-11A20	13 Tooth SAE B Splined	3.37	17	25.5	Opposite Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF29	421475-5-B	25VQ17A-11A20-L	13 Tooth SAE B Splined	3.37	17	25.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF26	421475-2-B	25VQ17A-11B20	13 Tooth SAE B Splined	3.37	17	25.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF30	421475-6-B	25VQ17A-11B20-L	13 Tooth SAE B Splined	3.37	17	25.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF27	421475-3-B	25VQ17A-11C20	13 Tooth SAE B Splined	3.37	17	25.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF31	421475-7-B	25VQ17A-11C20-L	13 Tooth SAE B Splined	3.37	17	25.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF28	421475-4-B	25VQ17A-11D20	13 Tooth SAE B Splined	3.37	17	25.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF32	421475-8-B	25VQ17A-11D20-L	13 Tooth SAE B Splined	3.37	17	25.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME82	417992-1-B	25VQ17A-1A20	7/8 Straight Keyed	3.37	17	25.5	Opposite Outlet	CW	3000 PSI 2500 RPM	32.00	
C1ME86	417992-5-B	25VQ17A-1A20-L	7/8 Straight Keyed	3.37	17	25.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME83	417992-2-B	25VQ17A-1B20	7/8 Straight Keyed	3.37	17	25.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	32.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers 25VQ Series Vane Pumps • To 31.5 GPM @ 1800 RPM



Vickers® 25VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1ME87	417992-6-B	25VQ17A-1B20-L	7/8 Straight Keyed	3.37	17	25.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME84	417992-3-B	25VQ17A-1C20	7/8 Straight Keyed	3.37	17	25.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	32.00	
C1ME88	417992-7-B	25VQ17A-1C20-L	7/8 Straight Keyed	3.37	17	25.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME85	417992-4-B	25VQ17A-1D20-	7/8 Straight Keyed	3.37	17	25.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1ME89	417992-8-B	25VQ17A-1D20-L	7/8 Straight Keyed	3.37	17	25.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF57	629379-1-B	25VQ19A-11A20	13 Tooth SAE B Splined	3.74	19	28.5	Opposite Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF61	629379-5-B	25VQ19A-11A20-L	13 Tooth SAE B Splined	3.74	19	28.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF58	629379-2-B	25VQ19A-11B20	13 Tooth SAE B Splined	3.74	19	28.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF62	629379-6-B	25VQ19A-11B20-L	13 Tooth SAE B Splined	3.74	19	28.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF59	629379-3-B	25VQ19A-11C20	13 Tooth SAE B Splined	3.74	19	28.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF63	629379-7-B	25VQ19A-11C20-L	13 Tooth SAE B Splined	3.74	19	28.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF60	629379-4-B	25VQ19A-11D20	13 Tooth SAE B Splined	3.74	19	28.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF64	629379-8-B	25VQ19A-11D20-L	13 Tooth SAE B Splined	3.74	19	28.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF49	578308-1-B	25VQ19A-1A20	7/8 Straight Keyed	3.74	19	28.5	Opposite Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF53	578308-5-B	25VQ19A-1A20-L	7/8 Straight Keyed	3.74	19	28.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF50	578308-2-B	25VQ19A-1B20	7/8 Straight Keyed	3.74	19	28.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF54	578308-6-B	25VQ19A-1B20-L	7/8 Straight Keyed	3.74	19	28.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF51	578308-3-B	25VQ19A-1C20	7/8 Straight Keyed	3.74	19	28.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF55	578308-7-B	25VQ19A-1C20 -L	7/8 Straight Keyed	3.74	19	28.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF52	578308-4-B	25VQ19A-1D20	7/8 Straight Keyed	3.74	19	28.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF56	578308-8-B	25VQ19A-1D20-L	7/8 Straight Keyed	3.74	19	28.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF33	421477-1-B	25VQ21A-11A20	13 Tooth SAE B Splined	4.12	21	31.5	Opposite Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF37	421477-5-B	25VQ21A-11A20-L	13 Tooth SAE B Splined	4.12	21	31.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF34	421477-2-B	25VQ21A-11B20	13 Tooth SAE B Splined	4.12	21	31.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF38	421477-6-B	25VQ21A-11B20-L	13 Tooth SAE B Splined	4.12	21	31.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1BP80	421477-3	25VQ21A-11C20	13 Tooth SAE B Splined	4.12	21	31.5	In-line with inlet (C)	CW	3000 PSI 2500 RPM	31.32	
C1MF35	421477-3-B	25VQ21A-11C20	13 Tooth SAE B Splined	4.12	21	31.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	32.00	
C1MF39	421477-7-B	25VQ21A-11C20-L	13 Tooth SAE B Splined	4.12	21	31.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1MF36	421477-4-B	25VQ21A-11D20	13 Tooth SAE B Splined	4.12	21	31.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	32.00	

This page is part of a complete catalog which contains technical and safety data that must be reviewed when selecting a product



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Single Hydraulic Pumps • Fixed Displacement
Vickers 25VQ Series Vane Pumps • To 31.5 GPM @ 1800 RPM



Vickers® 25VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MF40	421477-8-B	25VQ21A-11D20-L	13 Tooth SAE B Splined	4.12	21	31.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME78	416457-5-B	25VQ21A-1A20	7/8 Straight Keyed	4.12	21	31.5	Opposite Outlet	CW	3000 PSI 2500 RPM	32.00	
C1ME74	416457-1-B	25VQ21A-1A20-L	7/8 Straight Keyed	4.12	21	31.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME75	416457-2-B	25VQ21A-1B20	7/8 Straight Keyed	4.12	21	31.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1ME79	416457-6-B	25VQ21A-1B20-L	7/8 Straight Keyed	4.12	21	31.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME76	416457-3-B	25VQ21A-1C20	7/8 Straight Keyed	4.12	21	31.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	32.00	
C1ME80	416457-7-B	25VQ21A-1C20-L	7/8 Straight Keyed	4.12	21	31.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	32.00	
C1ME77	416457-4-B	25VQ21A-1D20	7/8 Straight Keyed	4.12	21	31.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	32.00	
C1ME81	416457-8-B	25VQ21A-1D20-L	7/8 Straight Keyed	4.12	21	31.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	32.00	

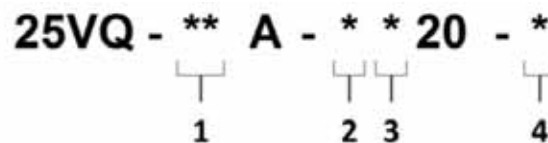
Flow: GPM @ 1800 RPM and 100 PSI.

Displacement: Cubic inches per revolution.

Max. PSI & Max. RPM: Based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure.

Minimum Speed: 600 RPM.

Parts for Vickers® 25VQ Vane Pumps



1 GPM Ring Assembly		
Code	Description	Cart Kit
12	12 GPM at 1200 rpm	416439
14	14 GPM at 1200 rpm	416440
17	17 GPM at 1200 rpm	416441
19	19 GPM at 1200 rpm	421232
21	21 GPM at 1200 rpm	416442

2 Shaft				
Code	Description	Shaft Qty	Key Qty	Qty
1	3/4" Straight Keyed Shaft	238755	1	009955 1
11	SAE B - 7/8" - 13 Tooth Spline	238929	1	N/A 0

3 Pressure Port Position (viewed from cover end)	
Code	Description
A	Opposite inlet
B	90 degree CCW from inlet
C	Inline with inlet
D	90 degree CW from inlet

4 Pump Rotation (viewed from shaft end)	
Code	Description
L	Left Hand rotation (CCW)
Blank	Right Hand rotation (CW)

Used in All Pump Assemblies		
Description	P/N	Qty
Screw	096168	4
Cover	224309	1
Snap Ring	191400	1
Snap Ring	120128	1
Bearing	001705	1
Washer	190362	1
Shaft Seal	394976	1
Body	942353	1



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
 Vickers 25VQ Series Vane Pumps • To 31.5 GPM @ 1800 RPM



Parts for Vickers® 25VQ Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
•C1AA76	001705	Bearing	0.31	
C1LB60	942353	Body		
C1EH19	416439	Cartridge Kit, 12 GPM	8.09	
C1BP57	416440	Cartridge Kit, 14 GPM	8.02	
C1BP58	416441	Cartridge Kit, 17 GPM	8.01	
C1LB50	421232	Cartridge Kit, 19 GPM	8.01	
C1EH20	416442	Cartridge Kit, 21 GPM	7.94	
C1LB17	224309	Cover		
C1DU27	009955	Shaft Key	0.01	
C1AJ46	120128	Snap Ring	0.01	
C1EG72	191400	Snap Ring	0.01	
C1EZ94	096168	Screw	0.25	
•C1BN21	394976	Shaft Seal	0.03	
C1EF55	238755	Shaft, 3/4" Straight Keyed Shaft	1.31	
C1BF31	238929	Shaft, SAE B - 7/8" - 13 Tooth Spline	1.18	
C1AM34	190362	Washer	0.02	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers 30VQ Series Vane Pumps • To 42 GPM @ 1800 RPM



Vickers® 30VQ Vane Pumps For Mobile Applications • High Pressure / High Speed Capability



Unless noted otherwise, all pumps have: 2-Bolt SAE C Mounting Flange. SAE 4-Bolt Flange Ports: 2" Inlet, 1-1/4" Outlet.

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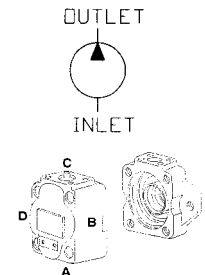
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Port Flange Kits: Flanges page 1252

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**Pumps are available as shown in table.
 Additional configurations available for delivery in 24-48 hours.
 See Model Codes page to select a different configuration.
 Items ending with "-B" are assembled and tested in-house using genuine Eaton/Vickers parts and are not painted.**

Vickers® 30VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Below	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MF89	430202-1-B	30VQ24A-11A20	13 Tooth SAE B Splined	4.72	24	36.78	Opposite Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF93	430202-5-B	30VQ24A-11A20-L	13 Tooth SAE B Splined	4.72	24	36.78	Opposite Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF90	430202-2-B	30VQ24A-11B20	13 Tooth SAE B Splined	4.72	24	36.78	90° CW from Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF94	430202-6-B	30VQ24A-11B20-L	13 Tooth SAE B Splined	4.72	24	36.78	90° CW from Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF91	430202-3-B	30VQ24A-11C20	13 Tooth SAE B Splined	4.72	24	36.78	in-Line with Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF95	430202-7-B	30VQ24A-11C20-L	13 Tooth SAE B Splined	4.72	24	36.78	in-Line with Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF92	430202-4-B	30VQ24A-11D20	13 Tooth SAE B Splined	4.72	24	36.78	90° CCW from Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF96	430202-8-B	30VQ24A-11D20-L	13 Tooth SAE B Splined	4.72	24	36.78	90° CCW from Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF65	418616-1-B	30VQ24A-1A20	7/8 Straight Keyed	4.72	24	36.78	Opposite Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF69	418616-5-B	30VQ24A-1A20-L	7/8 Straight Keyed	4.72	24	36.78	Opposite Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF66	418616-2-B	30VQ24A-1B20	7/8 Straight Keyed	4.72	24	36.78	90° CW from Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF70	418616-6-B	30VQ24A-1B20-L	7/8 Straight Keyed	4.72	24	36.78	90° CW from Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF67	418616-3-B	30VQ24A-1C20	7/8 Straight Keyed	4.72	24	36.78	in-Line with Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF71	418616-7-B	30VQ24A-1C20-L	7/8 Straight Keyed	4.72	24	36.78	in-Line with Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF68	418616-4-B	30VQ24A-1D20	7/8 Straight Keyed	4.72	24	36.78	90° CCW from Outlet	CW	2000 PSI 2000 RPM	34.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers 30VQ Series Vane Pumps • To 42 GPM @ 1800 RPM



Vickers® 30VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Below	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MF72	418616-8-B	30VQ24A-1D20-L	7/8 Straight Keyed	4.72	24	36.78	90° CCW from Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF81	421492-1-B	30VQ28A-11A20	13 Tooth SAE B Splined	5.5	28	42.85	Opposite Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF85	421492-5-B	30VQ28A-11A20-L	13 Tooth SAE B Splined	5.5	28	42.85	Opposite Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF82	421492-2-B	30VQ28A-11B20	13 Tooth SAE B Splined	5.5	28	42.85	90° CW from Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF86	421492-6-B	30VQ28A-11B20-L	13 Tooth SAE B Splined	5.5	28	42.85	90° CW from Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF83	421492-3-B	30VQ28A-11C20	13 Tooth SAE B Splined	5.5	28	42.85	in-Line with Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF87	421492-7-B	30VQ28A-11C20-L	13 Tooth SAE B Splined	5.5	28	42.85	in-Line with Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF84	421492-4-B	30VQ28A-11D20	13 Tooth SAE B Splined	5.5	28	42.85	90° CCW from Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF88	421492-8-B	30VQ28A-11D20-L	13 Tooth SAE B Splined	5.5	28	42.85	90° CCW from Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF73	421490-1-B	30VQ28A-1A20	7/8 Straight Keyed	5.5	28	42.85	Opposite Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF77	421490-5-B	30VQ28A-1A20-L	7/8 Straight Keyed	5.5	28	42.85	Opposite Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF74	421490-2-B	30VQ28A-1B20	7/8 Straight Keyed	5.5	28	42.85	90° CW from Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF78	421490-6-B	30VQ28A-1B20-L	7/8 Straight Keyed	5.5	28	42.85	90° CW from Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF75	421490-3-B	30VQ28A-1C20	7/8 Straight Keyed	5.5	28	42.85	in-Line with Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF79	421490-7-B	30VQ28A-1C20-L	7/8 Straight Keyed	5.5	28	42.85	in-Line with Outlet	CCW	2000 PSI 2000 RPM	34.00	
C1MF76	421490-4-B	30VQ28A-1D20	7/8 Straight Keyed	5.5	28	42.85	90° CCW from Outlet	CW	2000 PSI 2000 RPM	34.00	
C1MF80	421490-8-B	30VQ28A-1D20-L	7/8 Straight Keyed	5.5	28	42.85	90° CCW from Outlet	CCW	2000 PSI 2000 RPM	34.00	

Note: Flow: GPM @ 1800 RPM and 100 PSI. Displ. cubic inches per revolution. Max. PSI & Max. RPM: Based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure. Minimum Speed: 600 RPM.

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Single Hydraulic Pumps • Fixed Displacement
 Vickers 30VQ Series Vane Pumps • To 42 GPM @ 1800 RPM



Parts for Vickers® 30VQ Vane Pumps

30VQ - ** A - * * 20 - *

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1 2 3 4

1 GPM Ring Assembly		
Code	Description	Cart Kit
24	24 GPM at 1200 rpm	417052
28	28 GPM at 1200 rpm	416452

2 Shaft					
Code	Description	Shaft	Qty	Key	Qty
1	3/4" Straight Keyed Shaft	238755	1	009955	1
11	SAE B - 7/8" - 13 Tooth Spline	238929	1	N/A	0

3 Pressure Port Position (viewed from cover end)	
Code	Description
A	Opposite inlet
B	90 degree CCW from inlet
C	Inline with inlet
D	90 degree CW from inlet

4 Pump Rotation (viewed from shaft end)	
Code	Description
L	Left Hand rotation (CCW)
Blank	Right Hand rotation (CW)

Used in All Pump Assemblies			
Description	P/N	Qty	
Screw	119805	4	
Cover	224526	1	
Snap Ring	191400	1	
Snap Ring	120128	1	
Bearing	001705	1	
Washer	190362	1	
Shaft Seal	394976	1	
Body	942354	1	

Parts for Vickers® 30VQ Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
•C1AA76	001705	Bearing	0.31	
C1LB61	942354	Body	10.48	
C1LB48	417052	Cartridge Kit, 24 GPM	9.21	
C1LB47	416452	Cartridge Kit, 28 GPM		
C1LB18	224526	Cover	11.77	
C1DU27	009955	Key	0.01	
C1AJ46	120128	Snap Ring	0.01	
C1EG72	191400	Snap Ring	0.01	
C1LA97	119805	Screw		
•C1BN21	394976	Shaft Seal	0.03	
C1EF55	238755	Shaft, 7/8" Straight Keyed	1.31	
C1BF31	238929	Shaft, SAE B - 7/8" - 13 Toothe Spline	1.18	
C1AM34	190362	Washer	0.02	



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers 35VQ Series Vane Pumps • To 57 GPM @ 1800 RPM



Vickers® 35VQ Vane Pumps For Mobile Applications • High Pressure / High Speed Capability



Unless noted otherwise, all pumps have: 2-Bolt SAE C Mounting Flange. SAE 4-Bolt Flange Ports: 2" Inlet, 1-1/4" Outlet.

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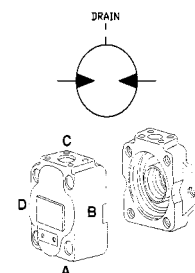
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**Pumps are available as shown in table.
 Additional configurations available for delivery in 24-48 hours.
 See Model Codes page to select a different configuration.
 Items ending with "-B" are assembled and tested in-house using genuine Eaton/Vickers parts and are not painted.**

Vickers® 35VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MD94	420995-1-B	35VQ21A-11A20	14 Tooth SAE C Splined	4.04	21	31.5	Opposite Outlet	CW	3000 PSI 2500 RPM	50.00	
C1MD98	420995-5-B	35VQ21A-11A20-L	14 Tooth SAE C Splined	4.04	21	31.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1MD95	420995-2-B	35VQ21A-11B20	14 Tooth SAE C Splined	4.04	21	31.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1MD99	420995-6-B	35VQ21A-11B20-L	14 Tooth SAE C Splined	4.04	21	31.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1MD96	420995-3-B	35VQ21A-11C20	14 Tooth SAE C Splined	4.04	21	31.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME11	420995-7-B	35VQ21A-11C20-L	14 Tooth SAE C Splined	4.04	21	31.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1MD97	420995-4-B	35VQ21A-11D20	14 Tooth SAE C Splined	4.04	21	31.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME12	420995-8-B	35VQ21A-11D20-L	14 Tooth SAE C Splined	4.04	21	31.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME66	591391-1-B	35VQ21A-1A20	1-1/4 Stright Keyed	4.04	21	31.5	Opposite Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME70	591391-5-B	35VQ21A-1A20-L	1-1/4 Stright Keyed	4.04	21	31.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME67	591391-2-B	35VQ21A-1B20	1-1/4 Stright Keyed	4.04	21	31.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME71	591391-6-B	35VQ21A-1B20-L	1-1/4 Stright Keyed	4.04	21	31.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME68	591391-3-B	35VQ21A-1C20	1-1/4 Stright Keyed	4.04	21	31.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME72	591391-7-B	35VQ21A-1C20-L	1-1/4 Stright Keyed	4.04	21	31.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME69	591391-4-B	35VQ21A-1D20	1-1/4 Stright Keyed	4.04	21	31.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	50.00	

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Single Hydraulic Pumps • Fixed Displacement
Vickers 35VQ Series Vane Pumps • To 57 GPM @ 1800 RPM



Vickers® 35VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1ME73	591391-8-B	35VQ21A-1D20-L	1-1/4 Stright Keyed	4.04	21	31.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME58	427807-1-B	35VQ25A-11A20	14 Tooth SAE C Splined	4.98	25	38.5	Opposite Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME62	427807-5-B	35VQ25A-11A20-L	14 Tooth SAE C Splined	4.98	25	38.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME59	427807-2-B	35VQ25A-11B20	14 Tooth SAE C Splined	4.98	25	38.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME63	427807-6-B	35VQ25A-11B20-L	14 Tooth SAE C Splined	4.98	25	38.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME60	427807-3-B	35VQ25A-11C20	14 Tooth SAE C Splined	4.98	25	38.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME64	427807-7-B	35VQ25A-11C20-L	14 Tooth SAE C Splined	4.98	25	38.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME61	427807-4-B	35VQ25A-11D20	14 Tooth SAE C Splined	4.98	25	38.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME65	427807-8-B	35VQ25A-11D20-L	14 Tooth SAE C Splined	4.98	25	38.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME25	421527-5-B	35VQ25A-1A20	1-1/4 Stright Keyed	4.98	25	38.5	Opposite Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME21	421527-1-B	35VQ25A-1A20-L	1-1/4 Stright Keyed	4.98	25	38.5	Opposite Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME22	421527-2-B	35VQ25A-1B20	1-1/4 Stright Keyed	4.98	25	38.5	90° CW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME26	421527-6-B	35VQ25A-1B20-L	1-1/4 Stright Keyed	4.98	25	38.5	90° CW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME23	421527-3-B	35VQ25A-1C20	1-1/4 Stright Keyed	4.98	25	38.5	in-Line with Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME27	421527-7-B	35VQ25A-1C20-L	1-1/4 Stright Keyed	4.98	25	38.5	in-Line with Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME24	421527-4-B	35VQ25A-1D20	1-1/4 Stright Keyed	4.98	25	38.5	90° CCW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME28	421527-8-B	35VQ25A-1D20-L	1-1/4 Stright Keyed	4.98	25	38.5	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME13	421526-1-B	35VQ30A-11A20	14 Tooth SAE C Splined	5.96	30	46	Opposite Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME17	421526-5-B	35VQ30A-11A20-L	14 Tooth SAE C Splined	5.96	30	46	Opposite Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME14	421526-2-B	35VQ30A-11B20	14 Tooth SAE C Splined	5.96	30	46	90° CW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME18	421526-6-B	35VQ30A-11B20-L	14 Tooth SAE C Splined	5.96	30	46	90° CW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME15	421526-3-B	35VQ30A-11C20	14 Tooth SAE C Splined	5.96	30	46	in-Line with Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME19	421526-7-B	35VQ30A-11C20-L	14 Tooth SAE C Splined	5.96	30	46	in-Line with Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME16	421526-4-B	35VQ30A-11D20	14 Tooth SAE C Splined	5.96	30	46	90° CCW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME20	421526-8-B	35VQ30A-11D20-L	14 Tooth SAE C Splined	5.96	30	46	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME43	421555-1-B	35VQ30A-1A20	1-1/4 Stright Keyed	5.96	30	46	Opposite Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME47	421555-5-B	35VQ30A-1A20-L	1-1/4 Stright Keyed	5.96	30	46	Opposite Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME44	421555-2-B	35VQ30A-1B20	1-1/4 Stright Keyed	5.96	30	46	90° CW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME48	421555-6-B	35VQ30A-1B20-L	1-1/4 Stright Keyed	5.96	30	46	90° CW from Outlet	CCW	3000 PSI 2500 RPM	50.00	



Pumps & Accessories



Single Hydraulic Pumps • Fixed Displacement
Vickers 35VQ Series Vane Pumps • To 57 GPM @ 1800 RPM



Vickers® 35VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1ME45	421555-3-B	35VQ30A-1C20	1-1/4 Stright Keyed	5.96	30	46	in-Line with Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME49	421555-7-B	35VQ30A-1C20-L	1-1/4 Stright Keyed	5.96	30	46	in-Line with Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1ME46	421555-4-B	35VQ30A-1D20	1-1/4 Stright Keyed	5.96	30	46	90° CCW from Outlet	CW	3000 PSI 2500 RPM	50.00	
C1ME50	421555-8-B	35VQ30A-1D20-L	1-1/4 Stright Keyed	5.96	30	46	90° CCW from Outlet	CCW	3000 PSI 2500 RPM	50.00	
C1MD86	419330-1-B	35VQ35A-11A20	14 Tooth SAE C Splined	6.88	35	53.6	Opposite Outlet	CW	3000 PSI 2400 RPM	50.00	
C1MD90	419330-5-B	35VQ35A-11A20-L	14 Tooth SAE C Splined	6.88	35	53.6	Opposite Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1MD87	419330-2-B	35VQ35A-11B20	14 Tooth SAE C Splined	6.88	35	53.6	90° CW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1MD91	419330-6-B	35VQ35A-11B20-L	14 Tooth SAE C Splined	6.88	35	53.6	90° CW from Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1MD88	419330-3-B	35VQ35A-11C20	14 Tooth SAE C Splined	6.88	35	53.6	in-Line with Outlet	CW	3000 PSI 2400 RPM	50.00	
C1MD92	419330-7-B	35VQ35A-11C20-L	14 Tooth SAE C Splined	6.88	35	53.6	in-Line with Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1MD89	419330-4-B	35VQ35A-11D20	14 Tooth SAE C Splined	6.88	35	53.6	90° CCW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1MD93	419330-8-B	35VQ35A-11D20-L	14 Tooth SAE C Splined	6.88	35	53.6	90° CCW from Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME33	421528-5-B	35VQ35A-1A20	1-1/4 Stright Keyed	6.88	35	53.6	Opposite Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME29	421528-1-B	35VQ35A-1A20-L	1-1/4 Stright Keyed	6.88	35	53.6	Opposite Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME30	421528-2-B	35VQ35A-1B20	1-1/4 Stright Keyed	6.88	35	53.6	90° CW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME30	421528-2-B	35VQ35A-1B20-L	1-1/4 Stright Keyed	6.88	35	53.6	90° CW from Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME34	421528-7-B	35VQ35A-1C20	1-1/4 Stright Keyed	6.88	35	53.6	in-Line with Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME31	421528-3-B	35VQ35A-1C20-L	1-1/4 Stright Keyed	6.88	35	53.6	in-Line with Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME32	421528-4-B	35VQ35A-1D20	1-1/4 Stright Keyed	6.88	35	53.6	90° CCW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME32	421528-4-B	35VQ35A-1D20-L	1-1/4 Stright Keyed	6.88	35	53.6	90° CCW from Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME51	427765-1-B	35VQ38A-11A20	14 Tooth SAE C Splined	7.42	38	57	Opposite Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME55	427765-5-B	35VQ38A-11A20-L	14 Tooth SAE C Splined	7.42	38	57	Opposite Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME52	427765-2-B	35VQ38A-11B20	14 Tooth SAE C Splined	7.42	38	57	90° CW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME56	427765-7-B	35VQ38A-11B20-L	14 Tooth SAE C Splined	7.42	38	57	90° CW from Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME53	427765-3-B	35VQ38A-11C20	14 Tooth SAE C Splined	7.42	38	57	in-Line with Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME56	427765-7-B	35VQ38A-11C20-L	14 Tooth SAE C Splined	7.42	38	57	in-Line with Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME54	427765-4-B	35VQ38A-11D20	14 Tooth SAE C Splined	7.42	38	57	90° CCW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME57	427765-8-B	35VQ38A-11D20-L	14 Tooth SAE C Splined	7.42	38	57	90° CCW from Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME35	421529-1-B	35VQ38A-1A20	1-1/4 Stright Keyed	7.42	38	57	Opposite Outlet	CW	3000 PSI 2400 RPM	50.00	

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
 Vickers 35VQ Series Vane Pumps • To 57 GPM @ 1800 RPM



Vickers® 35VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1ME39	421529-5-B	35VQ38A-1A20-L	1-1/4 Stright Keyed	7.42	38	57	Opposite Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME36	421529-2-B	35VQ38A-1B20	1-1/4 Stright Keyed	7.42	38	57	90° CW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME40	421529-6-B	35VQ38A-1B20-L	1-1/4 Stright Keyed	7.42	38	57	90° CW from Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME37	421529-3-B	35VQ38A-1C20	1-1/4 Stright Keyed	7.42	38	57	in-Line with Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME41	421529-7-B	35VQ38A-1C20-L	1-1/4 Stright Keyed	7.42	38	57	in-Line with Outlet	CCW	3000 PSI 2400 RPM	50.00	
C1ME38	421529-4-B	35VQ38A-1D20	1-1/4 Stright Keyed	7.42	38	57	90° CCW from Outlet	CW	3000 PSI 2400 RPM	50.00	
C1ME42	421529-8-B	35VQ38A-1D20-L	1-1/4 Stright Keyed	7.42	38	57	90° CCW from Outlet	CCW	3000 PSI 2400 RPM	50.00	

Flow: GPM @ 1800 RPM and 100 PSI.

Displacement: Cubic inches per revolution.

Max. PSI & Max. RPM: Based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure.

Minimum Speed: 600 RPM.

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 Vickers 35VQ Series Vane Pumps • To 57 GPM @ 1800 RPM



Parts for Vickers® 35VQ Vane Pumps

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1 GPM Ring Assembly		
Code	Description	Cart Kit
21	21 GPM at 1200 rpm	413420
25	25 GPM at 1200 rpm	413421
30	30 GPM at 1200 rpm	413422
35	35 GPM at 1200 rpm	413418
38	38 GPM at 1200 rpm	413419

2 Shaft					
Code	Description	Shaft	Qty	Key	Qty
1	1-1/4" Straight Keyed Shaft	233624	1	088678	1
11	1-1/4"-14 Tooth 12/24DP Spline	242287	1	N/A	0

3 Pressure Port Position (viewed from cover end)	
Code	Description
A	Opposite inlet
B	90 degree CCW from inlet
C	Inline with inlet
D	90 degree CW from inlet

4 Pump Rotation (viewed from shaft end)	
Code	Description
L	Left Hand rotation (CCW)
Blank	Right Hand rotation (CW)

Used in All Pump Assemblies			
Description	P/N	Qty	
Bolt	011173	4	
Cover	234248	1	
Snap Ring	193144	1	
Snap Ring	119982	1	
Bearing	038441	1	
Washer	193220	1	
Shaft Seal	394973	1	
Body	413016	1	

Parts for Vickers® 35VQ Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
•C1AD65	038441	Bearing	0.50	
C1LB46	413016	Body		
C1LA84	011173	Bolt	0.47	
C1KA17	413420	Cartridge Kit, 21 GPM	14.00	
C1BP46	413421	Cartridge Kit, 25 GPM	14.00	
C1DX24	413422	Cartridge Kit, 30 GPM	13.85	
C1BP45	413418	Cartridge Kit, 35 GPM	13.77	
C1DX23	413419	Cartridge Kit, 38 GPM	13.75	
C1LB22	234248	Cover		
C1EG58	088678	Key	0.04	
C1JX19	119982	Snap Ring	0.01	
C1EG73	193144	Snap Ring	0.02	
•C1BN19	394973	Shaft Seal	0.07	
C1EG78	233624	Shaft, 1-1/4" Straight Keyed	2.39	
C1EG79	242287	1-1/4" 14 Tooth 12/24DP Spline	2.13	
C1JX51	193220	Washer	0.10	
•C1CB83	920015	Seal Kit	0.13	



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Vickers® 45VQ Vane Pumps For Mobile Applications • High Pressure / High Speed Capability



Unless noted otherwise, all pumps have: 2-Bolt SAE C Mounting Flange. SAE 4-Bolt Flange Ports: 3" Inlet, 1-1/2" Outlet.

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Specifications: page 581

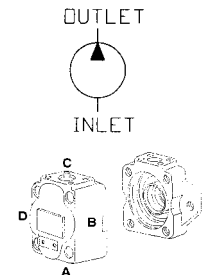
Model Codes: page 582

Dimensions: page 585

Replacement Parts: page 150

Port Flange Kits: Flanges page 1252

Foot Brackets: page 201



**Pumps are available as shown in table.
 Additional configurations available for delivery in 24-48 hours.
 See Model Codes page to select a different configuration.
 Items ending with "-B" are assembled and tested in-house using genuine Eaton/Vickers parts and are not painted.**

Vickers® 45VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MD12	420616-1-B	45VQ42A11A20	14 Tooth SAE D Splined	8.46	42	65.92	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD16	420616-5-B	45VQ42A11A20-L	14 Tooth SAE D Splined	8.46	42	65.92	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD13	420616-2-B	45VQ42A11B20	14 Tooth SAE D Splined	8.46	42	65.92	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD17	420616-6-B	45VQ42A11B20-L	14 Tooth SAE D Splined	8.46	42	65.92	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD14	420616-3-B	45VQ42A11C20	14 Tooth SAE D Splined	8.46	42	65.92	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD18	420616-7-B	45VQ42A11C20-L	14 Tooth SAE D Splined	8.46	42	65.92	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD15	420616-4-B	45VQ42A11D20	14 Tooth SAE D Splined	8.46	42	65.92	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD19	420616-8-B	45VQ42A11D20-L	14 Tooth SAE D Splined	8.46	42	65.92	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD60	432647-1-B	45VQ42A1A20	1-1/4 Straight Keyed	8.46	42	65.92	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD64	432647-5-B	45VQ42A1A20-L	1-1/4 Straight Keyed	8.46	42	65.92	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD61	432647-2-B	45VQ42A1B20	1-1/4 Straight Keyed	8.46	42	65.92	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD65	432647-6-B	45VQ42A1B20-L	1-1/4 Straight Keyed	8.46	42	65.92	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD62	432647-3-B	45VQ42A1C20	1-1/4 Straight Keyed	8.46	42	65.92	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD66	432647-7-B	45VQ42A1C20-L	1-1/4 Straight Keyed	8.46	42	65.92	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD63	432647-4-B	45VQ42A1D20	1-1/4 Straight Keyed	8.46	42	65.92	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	



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Vickers® 45VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MD67	432647-8-B	45VQ42A1D20-L	1-1/4 Straight Keyed	8.46	42	65.92	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD36	421965-1-B	45VQ42A86A20	1-1/2 Straight Keyed	8.46	42	65.92	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD40	421965-5-B	45VQ42A86A20-L	1-1/2 Straight Keyed	8.46	42	65.92	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD37	421965-2-B	45VQ42A86B20	1-1/2 Straight Keyed	8.46	42	65.92	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD41	421965-6-B	45VQ42A86B20-L	1-1/2 Straight Keyed	8.46	42	65.92	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD38	421965-3-B	45VQ42A86C20	1-1/2 Straight Keyed	8.46	42	65.92	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD42	421965-7-B	45VQ42A86C20-L	1-1/2 Straight Keyed	8.46	42	65.92	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD39	421965-4-B	45VQ42A86D20	1-1/2 Straight Keyed	8.46	42	65.92	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD43	421965-8-B	45VQ42A86D20-L	1-1/2 Straight Keyed	8.46	42	65.92	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD76	576269-1-B	45VQ47A1A20	1-1/4 Straight Keyed	9.04	47	70.44	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD77	576269-5-B	45VQ47A1A20-L	1-1/4 Straight Keyed	9.04	47	70.44	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD20	420617-1-B	45VQ50A11A20	14 Tooth SAE D Splined	9.9	50	77.14	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD24	420617-5-B	45VQ50A11A20-L	14 Tooth SAE D Splined	9.9	50	77.14	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD21	420617-2-B	45VQ50A11B20	14 Tooth SAE D Splined	9.9	50	77.14	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD25	420617-6-B	45VQ50A11B20-L	14 Tooth SAE D Splined	9.9	50	77.14	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD22	420617-3-B	45VQ50A11C20	14 Tooth SAE D Splined	9.9	50	77.14	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD26	420617-7-B	45VQ50A11C20-L	14 Tooth SAE D Splined	9.9	50	77.14	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD23	420617-4-B	45VQ50A11D20	14 Tooth SAE D Splined	9.9	50	77.14	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD27	420617-8-B	45VQ50A11D20-L	14 Tooth SAE D Splined	9.9	50	77.14	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD44	421966-1-B	45VQ50A1A20	1-1/4 Straight Keyed	9.9	50	77.14	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD48	421966-5-B	45VQ50A1A20-L	1-1/4 Straight Keyed	9.9	50	77.14	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD45	421966-2-B	45VQ50A1B20	1-1/4 Straight Keyed	9.9	50	77.14	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD49	421966-6-B	45VQ50A1B20-L	1-1/4 Straight Keyed	9.9	50	77.14	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD46	421966-3-B	45VQ50A1C20	1-1/4 Straight Keyed	9.9	50	77.14	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD50	421966-7-B	45VQ50A1C20-L	1-1/4 Straight Keyed	9.9	50	77.14	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD47	421966-4-B	45VQ50A1D20	1-1/4 Straight Keyed	9.9	50	77.14	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD51	421966-8-B	45VQ50A1D20-L	1-1/4 Straight Keyed	9.9	50	77.14	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD68	433252-1-B	45VQ50A86A20	1-1/2 Straight Keyed	9.9	50	77.14	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD72	433252-5-B	45VQ50A86A20-L	1-1/2 Straight Keyed	9.9	50	77.14	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	

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Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MD69	433252-2-B	45VQ50A86B20	1-1/2 Straight Keyed	9.9	50	77.14	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD73	433252-6-B	45VQ50A86B20-L	1-1/2 Straight Keyed	9.9	50	77.14	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD70	433252-3-B	45VQ50A86C20	1-1/2 Straight Keyed	9.9	50	77.14	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD74	433252-7-B	45VQ50A86C20-L	1-1/2 Straight Keyed	9.9	50	77.14	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD71	433252-4-B	45VQ50A86D20	1-1/2 Straight Keyed	9.9	50	77.14	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD75	433252-8-B	45VQ50A86D20-L	1-1/2 Straight Keyed	9.9	50	77.14	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD78	629213-1-B	45VQ57A1A20	1-1/4 Straight Keyed	10.97	57	85.48	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD82	629213-5-B	45VQ57A1A20-L	1-1/4 Straight Keyed	10.97	57	85.48	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD79	629213-2-B	45VQ57A1B20	1-1/4 Straight Keyed	10.97	57	85.48	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD83	629213-6-B	45VQ57A1B20-L	1-1/4 Straight Keyed	10.97	57	85.48	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD80	629213-3-B	45VQ57A1C20	1-1/4 Straight Keyed	10.97	57	85.48	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD84	629213-7-B	45VQ57A1C20-L	1-1/4 Straight Keyed	10.97	57	85.48	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD81	629213-4-B	45VQ57A1D20	1-1/4 Straight Keyed	10.97	57	85.48	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD85	629213-8-B	45VQ57A1D20-L	1-1/4 Straight Keyed	10.97	57	85.48	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD28	420618-1-B	45VQ60A11A20	14 Tooth SAE D Splined	11.8	60	91.94	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD32	420618-5-B	45VQ60A11A20-L	14 Tooth SAE D Splined	11.8	60	91.94	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD29	420618-2-B	45VQ60A11B20	14 Tooth SAE D Splined	11.8	60	91.94	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD33	420618-6-B	45VQ60A11B20-L	14 Tooth SAE D Splined	11.8	60	91.94	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD30	420618-3-B	45VQ60A11C20	14 Tooth SAE D Splined	11.8	60	91.94	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD34	420618-7-B	45VQ60A11C20-L	14 Tooth SAE D Splined	11.8	60	91.94	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD31	420618-4-B	45VQ60A11D20	14 Tooth SAE D Splined	11.8	60	91.94	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD35	420618-8-B	45VQ60A11D20-L	14 Tooth SAE D Splined	11.8	60	91.94	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD52	421967-1-B	45VQ60A1A20	1-1/4 Straight Keyed	11.8	60	91.94	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD56	421967-5-B	45VQ60A1A20-L	1-1/4 Straight Keyed	11.8	60	91.94	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD53	421967-2-B	45VQ60A1B20	1-1/4 Straight Keyed	11.8	60	91.94	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD57	421967-6-B	45VQ60A1B20-L	1-1/4 Straight Keyed	11.8	60	91.94	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD54	421967-3-B	45VQ60A1C20	1-1/4 Straight Keyed	11.8	60	91.94	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD58	421967-7-B	45VQ60A1C20-L	1-1/4 Straight Keyed	11.8	60	91.94	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MD55	421967-4-B	45VQ60A1D20	1-1/4 Straight Keyed	11.8	60	91.94	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	





Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers 45VQ Series Vane Pumps • To 90 GPM @ 1800 RPM



Vickers® 45VQ Vane Pumps • For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Vickers Part No. See Note Above	Vickers Model See Note Above	Shaft	Displ	Ring Size 1200 RPM	Flow GPM 1800 RPM	Outlet Position	Rot.	Max. PSI & Max. RPM	Wt.	Price Each
C1MD59	421967-8-B	45VQ60A1D20-L	1-1/4 Straight Keyed	11.8	60	91.94	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MC93	416458-1-B	45VQ60A86A20	1-1/2 Straight Keyed	11.8	60	91.94	Opposite Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MC97	416458-5-B	45VQ60A86A20-L	1-1/2 Straight Keyed	11.8	60	91.94	Opposite Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MC94	416458-2-B	45VQ60A86B20	1-1/2 Straight Keyed	11.8	60	91.94	90° CW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MC98	416458-6-B	45VQ60A86B20-L	1-1/2 Straight Keyed	11.8	60	91.94	90° CW from Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MC95	416458-3-B	45VQ60A86C20	1-1/2 Straight Keyed	11.8	60	91.94	in-Line with Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MC99	416458-7-B	45VQ60A86C20-L	1-1/2 Straight Keyed	11.8	60	91.94	in-Line with Outlet	CCW	2500 PSI 2200 RPM	75.00	
C1MC96	416458-4-B	45VQ60A86D20	1-1/2 Straight Keyed	11.8	60	91.94	90° CCW from Outlet	CW	2500 PSI 2200 RPM	75.00	
C1MD11	416458-8-B	45VQ60A86D20-L	1-1/2 Straight Keyed	11.8	60	91.94	90° CCW from Outlet	CCW	2500 PSI 2200 RPM	75.00	

Flow: GPM @ 1800 RPM and 100 PSI.

Displacement: Cubic inches per revolution.

Max. PSI & Max. RPM: Based on using petroleum oil at 120°F / 100SUS and at 0 PSI inlet pressure.

Minimum Speed: 600 RPM.

Parts for Vickers® 45VQ Vane Pumps



1 GPM Ring Assembly		
Code	Description	Cart Kit
42	42 GPM at 1200 rpm	416435
47	47 GPM at 1200 rpm	421234
50	50 GPM at 1200 rpm	416436
57	57 GPM at 1200 rpm	421233
60	60 GPM at 1200 rpm	416437

3 Pressure Port Position (viewed from cover end)	
Code	Description
A	Opposite inlet
B	90 degree CCW from inlet
C	Inline with inlet
D	90 degree CW from inlet

2 Shaft				
Code	Description	Shaft Qty	Key Qty	Qty
1	1-1/4" Straight Keyed Shaft	233369	1	217596
11	1-1/4"-14 Tooth 12/24DP Spline	242885	1	N/A
86	1-1/2" Straight Keyed	361760	1	239761

4 Pump Rotation (viewed from shaft end)	
Code	Description
L	Left Hand rotation (CCW)
Blank	Right Hand rotation (CW)

Used in All Pump Assemblies		
Description	P/N	Qty
Bolt	061321	4
Cover	229633	1
Snap Ring	168630	1
Snap Ring	102949	1
Bearing	131812	1
Washer	194878	1
Shaft Seal	394974	1
Body	942356	1



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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement
Vickers 45VQ Series Vane Pumps • To 90 GPM @ 1800 RPM



Parts for Vickers® 45VQ Vane Pumps

Catalog Part No.	Vickers Model	Description	Wt.	Price Each
•C1AK38	131812	Bearing	1.02	
C1KF58	942356	Body	19.74	
C1LA89	061321	Bolt	0.85	
C1EH18	416435	Cartridge Kit - 42 GPM	22.04	
C1LB51	421234	Cartridge Kit - 47 GPM	21.91	
C1BP55	416436	Cartridge Kit - 50 GPM	21.88	
C1KA35	421233	Cartridge Kit - 57 GPM	21.79	
C1BP56	416437	Cartridge Kit - 60 GPM	21.82	
C1LB19	229633	Cover		
C1BC42	217596	Key	0.03	
C1LB23	239751	Key		
C1EG70	158630	Snap Ring	0.03	
C1EZ97	102949	Snap Ring	0.05	
•C1BN20	394974	Shaft Seal	0.06	
C1BE86	233369	Shaft, 1-1/4" Straight Keyed	31.35	
C1EG80	242885	Shaft, 1-1/4", 14 Tooth 12/24DP Spline	2.00	
C1LB43	361760	Shaft, 1-1/2" Straight Keyed		
C1FA30	194878	Washer	0.05	
•C1CB85	920025	Seal Kit	0.16	

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Pumps & Accessories

Single & Tandem Hydraulic Pumps • Fixed Displacement Vane Pumps

Miscellaneous Single & Tandem Vane Pumps



Miscellaneous Single & Tandem Vane Pumps

Catalog Part No.	Mfg. Part No. (Model No.)	Mfg. Name	Displ in ³ /rev	Mount	Shaft	Ports	Rot.	Other Features	Wt.	Price Each
•C1LC93	PT7DSWB42XL01A1W (PT7DSWB42XL01A1W1)	Permco	8.39	SAE C 2-bolt	1-1/4 Straight Keyed	SAE 4-Bolt Flange, Inlet 2", Outlet 1-1/4"	CCW	Single pump	72.00	
C1KK69	710-0091-032	Vickers	14.65	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 3, Outlet 1-1/2"	CW	VMQ Series Single Pump, SAE-B Spline Thru-Drive Coupling	45.00	
C1JC19	02-125443-7 (25VQTBS21A-2297CC-20L)	Vickers	4.12	2-Bolt SAE B	13 Tooth SAE B Splined	SAE 4-Bolt Flange, Inlet 2-1/2, Outlet 1"	CCW	VQ Series Tandem Pump, 2-Bolt SAE-B Rear Pump Mount, SAE-B Spline Thru-Drive Coupling	19.91	
C1EL32	02-125553-7	Vickers	4.98	2-Bolt SAE C	14T SAE-C Splined	SAE 4-Bolt Flange, Inlet 3, Outlet 1-1/4"	CCW	VQ Series Tandem Pump, 2-Bolt SAE-B Rear Pump Mount, SAE-B Spline Thru-Drive Coupling	61.00	

Parts for Miscellaneous Single & Tandem Fixed Vane Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1EG78	233624	35V Series, #1 Straight Keyed Shaft	2.39	
C1BE86	233369	45V Series, Shaft, 1-1/4" Straight Keyed	31.35	



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

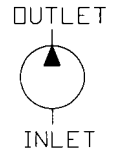
Salami 1.5PE Series Aluminium Gear Pumps To 5 GPM @ 1800 RPM • Up to 4205 PSI • Up to 5000 RPM



Features: Constructed for high efficiency and long life in severe operating environments. The design includes an advanced bushing and seal configuration which optimizes performance even in high temperature and low viscosity conditions.

Application: Pumps are stocked with Clockwise rotation. Rotation can be changed by reversing the position of the drive shaft and driven shaft, and rotating the front flange.

Pressure Limits: Inlet pressure: 7.38 in. Hg to 21.7 PSI. Pump Outlet: Continuous working pressure varies with displacement (See table below). Peak pressure pressures up to 4205 PSI.



Speed Ratings: Continuous speed at working pressure varies with displacement (See table below). Intermittent speeds up to 5000 RPM.

Temperature Ratings: With Buna-N seals (standard): 5°F to 185°F. With FPM seals (Viton): -4°F to 230°F.

Fluids: Minimum Operating fluid viscosity: 66 SUS (with 80% reduction of working pressure and at minimum speed) to 3635 SUS (maximum starting viscosity). Normal operating range: 85 SUS to 297 SUS.

Recommended Filtration: ISO 4406: < 2900 PSI: 20/19/16; > 2900 PSI: 19/18/15

Dimensions: page 597

Foot Brackets: page 201

Salami 1.5PE Series Aluminium Gear Pumps • To 5 GPM @ 1800 RPM • Up to 4205 PSI • Up to 5000 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MQ96	610910302 (1.5PE1.4D-R80S0)	0.09 in ³ /rev 3625 PSI 4250 RPM	0.6	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV49	610910402 (1.5PE1.4D-R51S0)	0.09 in ³ /rev 3625 PSI 4250 RPM	0.6	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV58	610910502 (1.5PE1.4D-R83S1)	0.09 in ³ /rev 3625 PSI 4250 RPM	0.6	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MQ97	610910312 (1.5PE2.1D-R80S0)	0.13 in ³ /rev 3625 PSI 4250 RPM	0.9	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW		5.00	
C1MV50	610910412 (1.5PE2.1D-R51S0)	0.13 in ³ /rev 3625 PSI 4250 RPM	0.9	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR14	610910512 (1.5PE2.1D-R83S1)	0.13 in ³ /rev 3625 PSI 4250 RPM	0.9	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MQ98	610910322 (1.5PE2.8D-R80S0)	0.17 in ³ /rev 3625 PSI 3825 RPM	1.2	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV51	610910422 (1.5PE2.8D-R51S0)	0.17 in ³ /rev 3625 PSI 3825 RPM	1.2	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV59	610910522 (1.5PE2.8D-R83S1)	0.17 in ³ /rev 3625 PSI 3825 RPM	1.2	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV45	610910332 (1.5PE3.5D-R80S0)	0.21 in ³ /rev 3625 PSI 3825 RPM	1.6	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
•C1MV52	610910432 (1.5PE3.5D-R51S0)	0.21 in ³ /rev 3625 PSI 3825 RPM	1.6	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV60	610910532 (1.5PE3.5D-R83S1)	0.21 in ³ /rev 3625 PSI 3825 RPM	1.6	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			





Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 1.5PE Series Aluminium Gear Pumps • To 5 GPM @ 1800 RPM • Up to 4205 PSI • Up to 5000 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MV46	610910342 (1.5PE4.1D-R80S0)	0.25 in ³ /rev 3625 PSI 3400 RPM	1.8	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV53	610910442 (1.5PE4.1D-R51S0)	0.25 in ³ /rev 3625 PSI 3400 RPM	1.8	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV61	610910542 (1.5PE4.1D-R83S1)	0.25 in ³ /rev 3625 PSI 3400 RPM	1.8	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV47	610910352 (1.5PE5.2D-R80S0)	0.32 in ³ /rev 3335 PSI 3400 RPM	2.3	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV54	610910452 (1.5PE5.2D-R51S0)	0.32 in ³ /rev 3335 PSI 3400 RPM	2.3	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV62	610910552 (1.5PE5.2D-R83S1)	0.32 in ³ /rev 3335 PSI 3400 RPM	2.3	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MQ99	610910362 (1.5PE6.5D-R80S0)	0.38 in ³ /rev 3335 PSI 3060 RPM	2.9	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR13	610910462 (1.5PE6.5D-R51S0)	0.38 in ³ /rev 3335 PSI 3060 RPM	2.9	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR15	610910562 (1.5PE6.5D-R83S1)	0.38 in ³ /rev 3335 PSI 060 RPM	2.9	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV48	610910372 (1.5PE7.6D-R80S0)	0.46 in ³ /rev 2900 PSI 2805 RPM	3.4	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MV55	610910472 (1.5PE7.6D-R51S0)	0.46 in ³ /rev 2900 PSI 2805 RPM	3.4	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MV63	610910572 (1.5PE7.6D-R83S1)	0.46 in ³ /rev 2900 PSI 2805 RPM	3.4	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MR11	610910382 (1.5PE9.3D-R80S0)	0.57 in ³ /rev 2610 PSI 2550 RPM	4.2	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MV56	610910482 (1.5PE9.3D-R51S0)	0.57 in ³ /rev 2610 PSI 2550 RPM	4.2	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MV64	610910582 (1.5PE9.3D-R83S1)	0.57 in ³ /rev 2610 PSI 2550 RPM	4.2	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MR12	610910392 (1.5PE11D-R80S0)	0.67 in ³ /rev 2465 PSI 2550 RPM	4.7	2-Bolt SAE AA	1/2 St. Keyed x 1.06 long SAE AA	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
•C1MV57	610910492 (1.5PE11D-R51S0)	0.67 in ³ /rev 2465 PSI 2550 RPM	4.7	2-Bolt SAE AA	9T 20/40 DP Spline, SAE AA	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MV65	610910592 (1.5PE11D-R83S1)	0.67 in ³ /rev 2465 PSI 2550 RPM	4.7	4-Bolt SAE AA	1/2 St. Keyed x 1.5 long	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			



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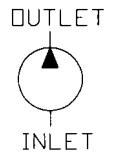
Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 1.5PE Series Pump Tandem Sections For assembly to 1.5PE Series Pumps



Features: Rear section of dual tandem, or center section of triple tandem pump using 1.5PE pump as front section. Assembly required. Tie-rods must be ordered separately. Tie-rods are shown in table following tandem sections.



Salami 1.5PE Series Pump Tandem Sections • For assembly to 1.5PE Series Pumps

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM		Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MR16	610930302 (1.5PE1.4D-R59R)	0.09 in ³ /rev 3625 PSI 4250 RPM	0.6	Connecting Plate	Connecting Spline Shaft	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR17	610930312 (1.5PE2.1D-R59R)	0.13 in ³ /rev 3625 PSI 4250 RPM	0.9	Connecting Plate	Connecting Spline Shaft	SAE -8 Side Inlet, SAE -6 Side Outlet	CW		5.00	
C1MR18	610930322 (1.5PE2.8D-R59R)	0.17 in ³ /rev 3625 PSI 3825 RPM	1.2	Connecting Plate	Connecting Spline Shaft	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR19	610930332 (1.5PE3.5D-R59R)	0.21 in ³ /rev 3625 PSI 3825 RPM	1.6	Connecting Plate	Connecting Spline Shaft	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR20	610930342 (1.5PE4.1D-R59R)	0.25 in ³ /rev 3625 PSI 3400 RPM	1.8	Connecting Plate	Connecting Spline Shaft	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR21	610930352 (1.5PE5.2D-R59R)	0.32 in ³ /rev 3335 PSI 3400 RPM	2.3	Connecting Plate	Connecting Spline Shaft	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MR22	610930362 (1.5PE6.5D-R59R)	0.38 in ³ /rev 3335 PSI 3060 RPM	2.9	Connecting Plate	Connecting Spline Shaft	SAE -8 Side Inlet, SAE -6 Side Outlet	CW			
C1MV66	610930372 (1.5PE7.6D-R59R)	0.46 in ³ /rev 2900 PSI 2805 RPM	3.4	Connecting Plate	Connecting Spline Shaft	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MV67	610930382 (1.5PE9.3D-R59R)	0.57 in ³ /rev 2610 PSI 2550 RPM	4.2	Connecting Plate	Connecting Spline Shaft	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			
C1MV68	610930392 (1.5PE11D-R59R)	0.67 in ³ /rev 2465 PSI 2550 RPM	4.7	Connecting Plate	Connecting Spline Shaft	SAE -10 Side Inlet, SAE -8 Side Outlet	CW			

Salami 1.5PE Series Gear Pump • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MS85	R10930010	Tandem Kit for 1.5PE-Double Pump		
C1MS86	R10980020	Seal Kit for 1.5PE Pump		



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Concentric GC Series Gear Pump



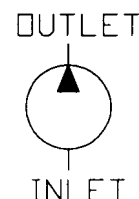
To 5.5 GPM @ 1800 RPM • Up to 4000 PSI • Up to 4000 RPM



Concentric GC Series Hydraulic Pumps are compact, external gear models for use in pumping fluids with lubricating qualities. Suitable for use in a wide variety of material handling, agricultural, and construction equipment in addition to machine tools, robotics, and other types of machinery.

Features: Designed to provide reliable, long-life service under rugged conditions, G.C. Series pumps are built with cast iron bodies and hardened steel gears. Among their other standard, extra-value features are:

- Superior volumetric efficiency
- Needle bearing construction
- High mechanical efficiency
- Wide variety of options



Pressure Limits: Outlet: (Varies with displacement. See table below).

Rated Speed: Maximum shaft speed: 4000 RPM; Minimum shaft speed: 750 RPM

Maximum System Temperature: 250°F

Note: Ratings based on using anti wear hydraulic fluid with viscosity 200 SSU. For information on use with other fluids, contact us for assistance.

Dimensions: page 156

Concentric GC Series Gear Pump • To 5.5 GPM @ 1800 RPM • Up to 4000 PSI • Up to 4000 RPM

Catalog Part No.	Concentric AB Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports Size and Location	Rotation	Other Features	Wt.	Price Each
C1LW72	1300086	0.129 in ³ /rev 3000 PSI 4000 RPM	1 GPM	4-bolt 1.78 in. pilot	0.17 1in. Tang w/Short Coupling	SAE-6 Side	Bi-Directional with check valves	Single Lip Buna-N Pressure Seal	4.66	
C1LW73	1300094	0.129 in ³ /rev 3000 PSI 4000 RPM	1 GPM	4-bolt 1.78 in. pilot	0.50 in. dia. X 1.50 in. extension	SAE-6 Side	Bi-Directional with check valves	Viton High-Pressure Seal w/Outboard Ball Bearing	8.00	
C1LW74	1300096	0.258 in ³ /rev 2300 PSI 4000 RPM	2 GPM	4-bolt 1.78 in. pilot	0.50 in. dia. X 1.50 in. extension	SAE-8 Side	Bi-Directional with check valves	Viton High-Pressure Seal w/Outboard Ball Bearing	7.00	
C1LW75	1300098	0.388 in ³ /rev 1600 PSI 4000 RPM	3 GPM	4-bolt 1.78 in. pilot	0.50 in. dia. X 1.50 in. extension	SAE-10 Side	Bi-Directional with check valves	Viton High-Pressure Seal w/Outboard Ball Bearing	5.52	



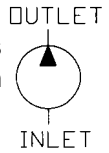
Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 2PE Series Aluminium Gear Pump

To 12 GPM @ 1800 RPM • Up to 4350 PSI • Up to 4000 RPM



Features: All pumps are available as multiple units either of the same or different series. With all sizes, there are options of shafts, flanges and ports as for European, German and American standards. Salami gear pumps offer high volumetric efficiency by innovative design and accurate control of machining tolerances. Axial compensation achieved by the use of floating bushings that allow high volumetric efficiency throughout the working pressure range. DU bearings ensure high pressure capability.



Application: Pumps are stocked with Clockwise rotation. Rotation can be changed by reversing the position of the drive shaft and driven shaft, and rotating the front flange.

Pressure Limits: Inlet pressure: 7.38 in. Hg to 21.7 PSI. Pump Outlet: Continuous working pressure varies with displacement (See table below). Peak pressure pressures up to 4350 PSI.

Speed Ratings: Continuous speed at working pressure varies with displacement (See table below). Intermittent speeds up to 4000 RPM.

Temperature Ratings: With Buna-N seals (standard): -4°F to 185°F. With FPM seals (Viton): -4°F to 230°F.

Fluids: Minimum Operating fluid viscosity: 66 SUS (with 80% reduction of working pressure and at minimum speed) to 3635 SUS (maximum starting viscosity). Normal operating range: 85 SUS to 297 SUS.

Recommended Filtration: ISO 4406: < 2900 PSI: 20/19/16; > 2900 PSI: 19/18/15.

Dimensions: page 598

Foot Brackets: page 201

Salami 2PE Series Aluminium Gear Pump • To 12 GPM @ 1800 RPM • Up to 4350 PSI • Up to 4000 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MV69	612033722 (2PE4.5D-R52S2)	0.27 in ³ /rev 3600 PSI 4000 RPM	2.0	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		4.40	
C1MR43	612081642 (2PE4.5D-R82S2)	0.27 in ³ /rev 3600 PSI 4000 RPM	2.0	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		4.40	
C1MR54	612095962 (2PE6.5D-R52S2)	0.40 in ³ /rev 3600 PSI 4000 RPM	3.0	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		4.60	
C1MR52	612095942 (2PE6.5D-R82S2)	0.40 in ³ /rev 3600 PSI 4000 RPM	3.0	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		4.60	
C1MR53	612095952 (2PE6.5D-R85S2)	0.40 in ³ /rev 3600 PSI 4000 RPM	3.0	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		4.60	
C1MR40	612080552 (2PE8.3D-R52S2)	0.50 in ³ /rev 3600 PSI 3500 RPM	3.8	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		4.60	
C1MR28	612034752 (2PE8.3D-R54S2)	0.50 in ³ /rev 3600 PSI 3500 RPM	3.8	2-Bolt SAE A	11 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		4.60	
•C1MR44	612081662 (2PE8.3D-R82S2)	0.50 in ³ /rev 3600 PSI 3500 RPM	3.8	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		4.60	
C1MR32	612035422 (2PE8.3D-R85S2)	0.50 in ³ /rev 3600 PSI 3500 RPM	3.8	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		4.60	
C1MR36	612079042 (2PE11.3D-R52S2)	0.68 in ³ /rev 3600 PSI 3500 RPM	5.2	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		5.10	



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 2PE Series Aluminium Gear Pump • To 12 GPM @ 1800 RPM • Up to 4350 PSI • Up to 4000 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MR29	612035122 (2PE11.3D-R54S2)	0.68 in ³ /rev 3600 PSI 3500 RPM	5.2	2-Bolt SAE A	11 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		5.10	
•C1MR45	612081672 (2PE11.3D-R82S2)	0.68 in ³ /rev 3600 PSI 3500 RPM	5.2	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		5.10	
C1MR33	612035432 (2PE11.3D-R85S2)	0.68 in ³ /rev 3600 PSI 3500 RPM	5.2	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		5.10	
C1MR41	612080562 (2PE13.8D-R52S2)	0.84 in ³ /rev 3600 PSI 3500 RPM	6.5	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		5.30	
C1MR35	612036832 (2PE13.8D-R54S2)	0.84 in ³ /rev 3600 PSI 3500 RPM	6.5	2-Bolt SAE A	11 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		5.30	
C1MR46	612081682 (2PE13.8D-R82S2)	0.84 in ³ /rev 3600 PSI 3500 RPM	6.5	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		5.30	
C1MR34	612035442 (2PE13.8D-R85S2)	0.84 in ³ /rev 3600 PSI 3500 RPM	6.5	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		5.30	
C1MR51	612083092 (2PE16D-R52S2)	1.01 in ³ /rev 3600 PSI 3000 RPM	7.8	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		5.50	
C1MR23	612018082 (2PE16D-R54S2)	1.01 in ³ /rev 3600 PSI 3000 RPM	7.8	2-Bolt SAE A	11 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		5.50	
C1MR47	612081692 (2PE16D-R82S2)	1.01 in ³ /rev 3600 PSI 3000 RPM	7.8	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		5.50	
C1MR25	612034552 (2PE16D-R85S2)	1.01 in ³ /rev 3600 PSI 3000 RPM	7.8	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		5.50	
C1MR37	612079062 (2PE19D-R52S2)	1.15 in ³ /rev 3140 PSI 3000 RPM	8.5	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		6.20	
C1MR30	612035142 (2PE19D-R54S2)	1.15 in ³ /rev 3140 PSI 3000 RPM	8.5	2-Bolt SAE A	11 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		6.20	
C1MR48	612081702 (2PE19D-R82S2)	1.15 in ³ /rev 3140 PSI 3000 RPM	8.5	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		6.20	
C1MR26	612034562 (2PE19D-R85S2)	1.15 in ³ /rev 3140 PSI 3000 RPM	8.5	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		6.20	
C1MR38	612079072 (2PE22.5D-R52S2)	1.37 in ³ /rev 2900 PSI 2750 RPM	10.6	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		6.50	
C1MR31	612035322 (2PE22.5D-R54S2)	1.37 in ³ /rev 2900 PSI 2750 RPM	10.6	2-Bolt SAE A	11 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		6.50	
C1MR49	612081712 (2PE22.5D-R82S2)	1.37 in ³ /rev 2900 PSI 2750 RPM	10.6	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		6.50	
C1MR24	612032762 (2PE22.5D-R85S2)	1.37 in ³ /rev 2900 PSI 2750 RPM	10.6	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		6.50	
C1MR39	612079082 (2PE26D-R52S2)	1.58 in ³ /rev 2600 PSI 2500 RPM	12.3	2-Bolt SAE A	9 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		6.80	



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Salami 2PE Series Aluminium Gear Pump • To 12 GPM @ 1800 RPM • Up to 4350 PSI • Up to 4000 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MR42	612080662 (2PE26D-R54S2)	1.58 in ³ /rev 2600 PSI 2500 RPM	12.3	2-Bolt SAE A	11 Tooth SAE A Splined	SAE -12 Inlet, SAE -10 Outlet	CW		6.80	
C1MR50	612081722 (2PE26D-R82S2)	1.58 in ³ /rev 2600 PSI 2500 RPM	12.3	2-Bolt SAE A	5/8 St. Keyed x 1.25, SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		6.80	
C1MR27	612034572 (2PE26D-R85S2)	1.58 in ³ /rev 2600 PSI 2500 RPM	12.3	2-Bolt SAE A	3/4 St Keyed x 1.25 long SAE A	SAE -12 Inlet, SAE -10 Outlet	CW		6.80	

Salami 2PE Series Gear Pump • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MT19	R12292830	Seal Kit, Buna, 2PE/ME Pumps & Unidirectional Motors, 82S2-52S2 Shaft-Flange Type		
C1MT23	R12292950	Seal Kit, Viton, 2PE/ME Pumps & Unidirectional Motors, 82S2-52S2 Shaft-Flange Type		
C1MT20	R12292833	Seal Kit, Buna, 2PE/ME Pumps & Unidirectional Motors, 54S2-85S2 Shaft-Flange Type	1.00	
C1MT21	R12292834	Seal Kit, Viton, 2PE/ME Pumps & Unidirectional Motors, 54S2-85S2 Shaft-Flange Type		
C1MT22	R12292836	Seal Kit, Viton, 2PE/ME Pumps & Unidirectional Motors, 54S2-85S2 Shaft-Flange Type		
C1MQ37	312203529	Cover, Standard		
C1MQ38	312203535	Cover with Rear Ports - SAE -12 an SAE -10		
C1MT16	R12270100	Cover with Pressure Relief Valve "VS" setting range 2044 PSI to 3190 PSI		
C1MW32	R12273260	Cover, 2.6GPM Priority Flow SAE-6 Rear Port; SAE-8 Rear Excess Port; No Relief		
C1MW31	R12272080	Cover, 2.6GPM Priority Flow SAE-6 Rear Port; SAE-8 Rear Excess Port; 2030PSI Relief		
C1MW60	312212571	Cover with venting valve cavity for EV1 or EV2 valve		
C1MQ39	312203552	Cover for 2ME motor with external drain		
C1MT13	R12240038	Mounting Flange and Seal Kit for 2PE pump, SAE A (S6) for Shafts 52, 81 & 82		
C1MT14	R12240039	Mounting Flange and Seal Kit for 2PE pump, SAE A (S6) for Shafts 54 & 85		
C1MT15	R12240161	Mounting Flange for 2ME motor, SAE A (S2) for Shafts 54 & 85		
C1MT12	R12240032	Mounting Flange for 2ME motor, SAE A (S2) for Shafts 52 & 82		
C1MS95	R12030020	Tandem Kit for 2PE/2PE		
C1MT11	R12090020	Tandem Kit for 2PE/2PE with Separated Stages		
C1MQ20	312000314	Drive Gear (60) 2PE4.5		
C1MZ15	312050325	Drive Gear (60) 2PE4.5 with Separated Stages		
C1MQ35	312060302	Drive Gear (60) 2PE6.5	1.45	
C1MQ36	312060307	Drive Gear (60*) 2PE6.5 with Separated Stages		
C1MQ26	312050309	Drive Gear (60) 2PE8.3	1.50	
C1MQ28	312050327	Drive Gear (60*) 2PE8.3 with Separated Stages		
C1MQ27	312050312	Drive Gear (60) 2PE11.3		
C1MQ29	312050329	Drive Gear (60*) 2PE11.3 with Separated Stages		
C1MQ30	312050331	Drive Gear (60*) 2PE11.8 with Separated Stages		
C1MQ21	312000315	Drive Gear (60) 2PE13.8		
C1MQ22	312000316	Drive Gear (60) 2PE16		
C1MQ31	312050332	Drive Gear (60*) 2PE16 with Separated Stages		
C1MQ23	312000317	Drive Gear (60) 2PE19	1.12	
C1MQ32	312050333	Drive Gear (60*) 2PE19 with Separated Stages	1.18	
C1MQ24	312000318	Drive Gear (60) 2PE22.5		
C1MQ33	312050334	Drive Gear (60*) 2PE22.5 with Separated Stages	0.50	
C1MQ25	312000319	Drive Gear (60) 2PE26	0.74	
C1MQ34	312050335	Drive Gear (60*) 2PE26 with Separated Stages	0.89	



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 2PE Series Gear Pump • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MT17	R12273282	Vent valve, 12 VDC, for use with cover 312212586		
C1MT18	R12273283	Vent valve, 24 VDC, for use with cover 312212586		

Note: Solenoid coils accept connector DIN 43650-A/ISO 4400.

See: page 446

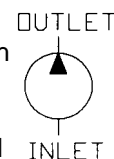
Concentric W900 Series Gear Pumps To 13 GPM @ 1800 RPM • Up to 4000 PSI • Up to 4000 RPM



Features: Through bore bushing type design constructed of high strength aluminum housings and cast iron end covers. Enhanced noise abatement with 13-tooth gears, superior trapping configuration and optimum gear profile. Efficiencies 90% overall, 98% volumetric, 92% mechanical.

Application: Recommended for direct axial drive. For applications with radial and/or thrust loads, please contact us for application assistance.

Pressure Limits: Outlet: (Varies with displacement. See table below). Inlet: 6 in. Hg vacuum to 29 PSI.



Rated Speeds: Maximum speed varies with displacement (See table below). Minimum speed is 500 RPM at maximum continuous pressure.

Maximum System Temperature: 200°F continuous.

Note: Ratings based on using anti wear hydraulic fluid. For information on use with other fluids, contact us for assistance.

Recommended Filtration: ISO 4406 Cleanliness Level 18/14 or cleaner.

Dimensions: page 586

Foot Brackets: page 201

Concentric W900 Series Gear Pumps • To 13 GPM @ 1800 RPM • Up to 4000 PSI • Up to 4000 RPM

Catalog Part No.	Barnes Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1AK31	1303193 (W9A108R3B01N)	0.488 in ³ /rev 4000 PSI 4000 RPM	3.8	2-Bolt SAE A	3/4 St.Keyed	SAE-12 Side Inlet, SAE-10 Side Outlet	CW		8.00	

Note: Minimum speed at Maximum Continuous Pressure is 500 RPM.

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Pumps & Accessories

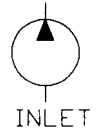
Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Hydreco® 1500M Series Gear Pumps

To 19 GPM @ 1800 RPM • Up to 2000 PSI • Up to 3200 RPM



Features: Heavy duty iron castings for higher working pressures. 4-bolt design places all four assembly bolts within the area of greatest internal pressure, which maintains perfect alignment and thus eliminates any decrease in efficiency at high pressures. This greatly reduces internal distortion and the resulting wear of internal parts. Deflecting pressure-balanced wear plates maintain high volumetric efficiencies and minimize mechanical losses. Pressure-lubricated roller bearing design makes these units relatively insensitive to contamination and also makes the units fully repairable.



Application: Outboard bearing in some models (see tables) allows limited side loading of the input shaft. All models have mechanical face seal which allows for high inlet pressures with no case drain.

Pressure Limits: Outlet: 2000 PSI. Inlet: 5 in. Hg vacuum to 2000 psi.

Rated Speeds: Varies with displacement (See table below).

Maximum System Temperature: 180°F.

Note: Ratings based on using anti wear hydraulic fluid. For information on use with other fluids, contact us for assistance.

Recommended Filtration: 10 Micron Absolute for maximum pump life.

Dimensions: page 589

Foot Brackets: page 201

Hydreco® 1500M Series Gear Pumps • To 19 GPM @ 1800 RPM • Up to 2000 PSI • Up to 3200 RPM

Catalog Part No.	Hydreco Model	Displacement Pressure Rating Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
•C1AK78	1506MC3E1BB	0.738 in ³ /rev 2000 PSI 3200 RPM	5.8	2-Bolt SAE A	5/8 St.Keyed x 2.00 Long	3/4 NPT Rear Ports	Bi-Rot.	Shielded Outboard Bearing	17.07	
•C1AK83	1510MC3E1BB	1.180 in ³ /rev 2000 PSI 3000 RPM	8.3	2-Bolt SAE A	5/8 St.Keyed x 2.00 Long	3/4 NPT Rear Ports	Bi-Rot.	Shielded Outboard Bearing	16.79	
•C1AK88	1512MC3E1BB	1.467 in ³ /rev 2000 PSI 2000 RPM	10.4	2-Bolt SAE A	5/8 St.Keyed x 2.00 Long	3/4 NPT Rear Ports	Bi-Rot.	Shielded Outboard Bearing	24.75	
C1AK89	1512MC3G1BB	1.467 in ³ /rev 2000 PSI 2000 RPM	10.4	4-Bolt Foot Mount	5/8 St.Keyed x 2.00 Long	3/4 NPT Rear Ports	Bi-Rot.	Shielded Outboard Bearing	24.75	

Note: Minimum speed under load is 600 RPM.

Parts for Hydreco 1500M Series Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
•C1DK90	SKO362	Seal Kit for 1500M Series Pumps	0.17	



Pumps & Accessories

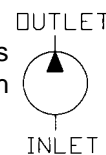
Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 2.5PB Series Gear Pumps

To 20 GPM @ 1800 RPM • Up to 3600 PSI • Up to 3000 RPM



Features: All pumps are available as multiple units either of the same or different series. With all sizes, there are options of shafts, flanges and ports as for European, German and American standards. Salami gear pumps offer high volumetric efficiency by innovative design and accurate control of machining tolerances. Axial compensation achieved by the use of floating bushings that allow high volumetric efficiency throughout the working pressure range. DU bearings ensure high pressure capability.



Application: Pumps are stocked with Clockwise rotation. Rotation can be changed by reversing the position of the drive shaft and driven shaft, and rotating the front flange.

Pressure Limits: Inlet pressure: 7.38 in. Hg to 21.7 PSI. Pump Outlet: Continuous working pressure varies with displacement (See table below). Peak pressure pressures up to 4300 PSI.

Speed Ratings: Continuous speed at working pressure varies with displacement (See table below).

Temperature Ratings: With Buna-N seals (standard): -4°F to 185°F. With FPM seals (Viton): -4°F to 230°F.

Fluids: Minimum Operating fluid viscosity: 66 SUS (with 80% reduction of working pressure and at minimum speed) to 3635 SUS (maximum starting viscosity). Normal operating range: 85 SUS to 297 SUS.

Recommended Filtration: ISO 4406: < 2900 PSI: 20/19/16; > 2900 PSI: 19/18/15.

Dimensions: page 599

Foot Brackets: page 201

Salami 2.5PB Series Gear Pumps • To 20 GPM @ 1800 RPM • Up to 3600 PSI • Up to 3000 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MR73	613874792 (2.5PB11.5D-R5 5S3)	0.72 in ³ /rev 3600 PSI 3000 RPM	5.5	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		8.36	
C1MR72	613874702 (2.5PB13.8D-R5 5S3)	0.86 in ³ /rev 3600 PSI 3000 RPM	6.6	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		9.02	
C1MR68	613873902 (2.5PB16D-R55 S3)	0.97 in ³ /rev 3600 PSI 3000 RPM	7.4	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		7.48	
C1MR69	613873912 (2.5PB16D-R87 S3)	0.97 in ³ /rev 3600 PSI 3000 RPM	7.4	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		7.48	
C1MR70	613873922 (2.5PB19D-R55 S3)	1.17 in ³ /rev 3600 PSI 3000 RPM	9.1	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		7.92	
C1MR71	613873932 (2.5PB19D-R87 S3)	1.17 in ³ /rev 3600 PSI 3000 RPM	9.1	2-Bolt SAE B	7/8 Straight Keyed SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		7.92	
C1MR56	613871172 (2.5PB22D-R55 S3)	1.35 in ³ /rev 3600 PSI 3000 RPM	10.5	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		8.36	
C1MR61	613871252 (2.5PB22D-R87 S3)	1.35 in ³ /rev 3600 PSI 3000 RPM	10.5	2-Bolt SAE B	7/8 Straight Keyed SAE B	SAE -12 Side Inlet, SAE -10 Side Outlet	CW		8.36	
C1MR66	613873722 (2.5PB25D-R55 S3)	1.53 in ³ /rev 3600 PSI 3000 RPM	11.8	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		9.02	
C1MR67	613873732 (2.5PB16D-D-R 55S3)	1.53 in ³ /rev 3600 PSI 3000 RPM	11.8	2-Bolt SAE B	7/8 Straight Keyed SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		9.02	
C1MR57	613871192 (2.5PB28D-R55 S3)	1.68 in ³ /rev 3600 PSI 3000 RPM	13.0	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		9.92	

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Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 2.5PB Series Gear Pumps • To 20 GPM @ 1800 RPM • Up to 3600 PSI • Up to 3000 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MR62	613871272 (2.5PB28D-R87 S3)	1.68 in ³ /rev 3600 PSI 3000 RPM	13.0	2-Bolt SAE B	7/8 Straight Keyed SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		9.92	
•C1MR58	613871202 (2.5PB32D-R55 S3)	1.97 in ³ /rev 3300 PSI 3000 RPM	15.3	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		10.47	
C1MR63	613871282 (2.5PB32D-R87 S3)	1.97 in ³ /rev 3300 PSI 3000 RPM	15.3	2-Bolt SAE B	7/8 Straight Keyed SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		10.47	
C1MR59	613871212 (2.5PB38D-R55 S3)	2.32 in ³ /rev 2900 PSI 3000 RPM	18.7	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		11.00	
C1MR64	613871292 (2.5PB38D-R87 S3)	2.32 in ³ /rev 2900 PSI 3000 RPM	18.7	2-Bolt SAE B	7/8 Straight Keyed SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		11.00	
C1MR60	613871222 (2.5PB44D-R55 S3)	2.69 in ³ /rev 2465 PSI 3000 RPM	20.0	2-Bolt SAE B	7/8 13T Splined SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		11.66	
C1MR65	613871302 (2.5PB44D-R87 S3)	2.69 in ³ /rev 2465 PSI 3000 RPM	20.0	2-Bolt SAE B	7/8 Straight Keyed SAE B	SAE -16 Side Inlet, SAE -12 Side Outlet	CW		11.66	

Salami 2.5PB Series Gear Pumps • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MT30	R13880110	2.5PB VITON Pump Seak Kit		
C1MT28	R13840030	2.5PB Flange SAE A (S2) Flange with Seals		
C1MT31	R13880120	2.5PB/2.5PB TANDEM KIT		
C1MQ42	313800350	2nd Pump of Tandem Drive Gear 2.5PB11.5	0.50	
C1MQ51	313800359	2nd Pump of Tandem Drive Gear 2.5PB13.8	0.50	
C1MQ43	313800351	2nd Pump of Tandem Drive Gear 2.5PB16		
C1MQ44	313800352	2nd Pump of Tandem Drive Gear 2.5PB19	1.75	
C1MQ45	313800353	2nd Pump of Tandem Drive Gear 2.5PB22		
C1MQ46	313800354	2nd Pump of Tandem Drive Gear 2.5PB25		
C1MQ47	313800355	2nd Pump of Tandem Drive Gear 2.5PB28		
C1MQ48	313800356	2nd Pump of Tandem Drive Gear 2.5PB32		
C1MQ49	313800357	2nd Pump of Tandem Drive Gear 2.5PB38		
C1MQ50	313800358	2nd Pump of Tandem Drive Gear 2.5PB44	1.11	
C1MT34	R13880150	2.5PB/2PE Tandem Kit		
C1MV70	R13880151	2.5PB/2PE Tandem Kit Common Suction CCW Rotation		
C1MV71	R13880152	2.5PB/2PE Tandem Kit Common Suction CW Rotation		
C1MQ52	313803502	2.5PB/ Rear Ports Cover SAE 16-12		
C1MQ53	313812501	Rear cover machine for relief valve. Requires AR relief valve and 795461000 plug		
C1MS17	795461000	Relief Plug M18x1.5 Zero-leak with seal, for use in rear cover with relief valve		
C1MR84	794129301	Non Adjustable Relief Valve (AR) 362 PSI for rear cover 313812501 (requires plug)		
C1MR84	794129301	Non Adjustable Relief Valve (AR) 362 PSI for rear cover 313812501 (requires plug)		
C1MR84	794129301	Non Adjustable Relief Valve (AR) 362 PSI for rear cover 313812501 (requires plug)		
C1MR85	794129302	Non Adjustable Relief Valve (AR) 464 PSI for rear cover 313812501 (requires plug)		
C1MR85	794129302	Non Adjustable Relief Valve (AR) 464 PSI for rear cover 313812501 (requires plug)		
C1MR85	794129302	Non Adjustable Relief Valve (AR) 464 PSI for rear cover 313812501 (requires plug)		
C1MR86	794129303	Non Adjustable Relief Valve (AR) 580 PSI for rear cover 313812501 (requires plug)		
C1MR86	794129303	Non Adjustable Relief Valve (AR) 580 PSI for rear cover 313812501 (requires plug)		





Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 2.5PB Series Gear Pumps • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MR86	794129303	Non Adjustable Relief Valve (AR) 580 PSI for rear cover 313812501 (requires plug)		
C1MR87	794129304	Non Adjustable Relief Valve (AR) 725 PSI for rear cover 313812501 (requires plug)		
C1MR87	794129304	Non Adjustable Relief Valve (AR) 725 PSI for rear cover 313812501 (requires plug)		
C1MR87	794129304	Non Adjustable Relief Valve (AR) 725 PSI for rear cover 313812501 (requires plug)		
C1MR88	794129305	Non Adjustable Relief Valve (AR) 910 PSI for rear cover 313812501 (requires plug)		
C1MR88	794129305	Non Adjustable Relief Valve (AR) 910 PSI for rear cover 313812501 (requires plug)		
C1MR88	794129305	Non Adjustable Relief Valve (AR) 910 PSI for rear cover 313812501 (requires plug)		
C1MR89	794129306	Non Adjustable Relief Valve (AR) 1160 PSI for rear cover 313812501 (requires plug)		
C1MR89	794129306	Non Adjustable Relief Valve (AR) 1160 PSI for rear cover 313812501 (requires plug)		
C1MR89	794129306	Non Adjustable Relief Valve (AR) 1160 PSI for rear cover 313812501 (requires plug)		
C1MR90	794129307	Non Adjustable Relief Valve (AR) 1450 PSI for rear cover 313812501 (requires plug)		
C1MR90	794129307	Non Adjustable Relief Valve (AR) 1450 PSI for rear cover 313812501 (requires plug)		
C1MR90	794129307	Non Adjustable Relief Valve (AR) 1450 PSI for rear cover 313812501 (requires plug)		
C1MR91	794129308	Non Adjustable Relief Valve (AR) 1810 PSI for rear cover 313812501 (requires plug)		
C1MR91	794129308	Non Adjustable Relief Valve (AR) 1810 PSI for rear cover 313812501 (requires plug)		
C1MR91	794129308	Non Adjustable Relief Valve (AR) 1810 PSI for rear cover 313812501 (requires plug)		
C1MR92	794129309	Non Adjustable Relief Valve (AR) 2000 PSI for rear cover 313812501 (requires plug)		
C1MR92	794129309	Non Adjustable Relief Valve (AR) 2000 PSI for rear cover 313812501 (requires plug)		
C1MR92	794129309	Non Adjustable Relief Valve (AR) 2000 PSI for rear cover 313812501 (requires plug)		
C1MR93	794129310	Non Adjustable Relief Valve (AR) 2300 PSI for rear cover 313812501 (requires plug)		
C1MR93	794129310	Non Adjustable Relief Valve (AR) 2300 PSI for rear cover 313812501 (requires plug)		
C1MR93	794129310	Non Adjustable Relief Valve (AR) 2300 PSI for rear cover 313812501 (requires plug)		
C1MR94	794129311	Non Adjustable Relief Valve (AR) 2530 PSI for rear cover 313812501 (requires plug)		
C1MR94	794129311	Non Adjustable Relief Valve (AR) 2530 PSI for rear cover 313812501 (requires plug)		
C1MR94	794129311	Non Adjustable Relief Valve (AR) 2530 PSI for rear cover 313812501 (requires plug)		
C1MR95	794129312	Non Adjustable Relief Valve (AR) 2715 PSI for rear cover 313812501 (requires plug)		
C1MR95	794129312	Non Adjustable Relief Valve (AR) 2715 PSI for rear cover 313812501 (requires plug)		
C1MR95	794129312	Non Adjustable Relief Valve (AR) 2715 PSI for rear cover 313812501 (requires plug)		
C1MR96	794129313	Non Adjustable Relief Valve (AR) 3000 PSI for rear cover 313812501 (requires plug)		
C1MR96	794129313	Non Adjustable Relief Valve (AR) 3000 PSI for rear cover 313812501 (requires plug)		
C1MR96	794129313	Non Adjustable Relief Valve (AR) 3000 PSI for rear cover 313812501 (requires plug)		
C1MR97	794129314	Non Adjustable Relief Valve (AR) 3300 PSI for rear cover 313812501 (requires plug)		
C1MR97	794129314	Non Adjustable Relief Valve (AR) 3300 PSI for rear cover 313812501 (requires plug)		
C1MR97	794129314	Non Adjustable Relief Valve (AR) 3300 PSI for rear cover 313812501 (requires plug)		
C1MR98	794129315	Non Adjustable Relief Valve (AR) 3600 PSI for rear cover 313812501 (requires plug)		
C1MR98	794129315	Non Adjustable Relief Valve (AR) 3600 PSI for rear cover 313812501 (requires plug)		
C1MR98	794129315	Non Adjustable Relief Valve (AR) 3600 PSI for rear cover 313812501 (requires plug)		
C1MR99	794129316	Non Adjustable Relief Valve (AR) 4000 PSI for rear cover 313812501 (requires plug)		
C1MR99	794129316	Non Adjustable Relief Valve (AR) 4000 PSI for rear cover 313812501 (requires plug)		
C1MR99	794129316	Non Adjustable Relief Valve (AR) 4000 PSI for rear cover 313812501 (requires plug)		
C1MS11	794129317	Non Adjustable Relief Valve (AR) 4569 PSI for rear cover 313812501 (requires plug)		
C1MS11	794129317	Non Adjustable Relief Valve (AR) 4569 PSI for rear cover 313812501 (requires plug)		
C1MS11	794129317	Non Adjustable Relief Valve (AR) 4569 PSI for rear cover 313812501 (requires plug)		
C1MS12	794129318	Non Adjustable Relief Valve (AR) 5076 PSI for rear cover 313812501 (requires plug)		
C1MS12	794129318	Non Adjustable Relief Valve (AR) 5076 PSI for rear cover 313812501 (requires plug)		
C1MS12	794129318	Non Adjustable Relief Valve (AR) 5076 PSI for rear cover 313812501 (requires plug)		

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Pumps & Accessories

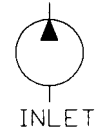
Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Hydreco® 1500K Series Gear Pumps

To 22 GPM @ 1800 RPM • Up to 2500 PSI • Up to 4000 RPM



Features: Heavy duty iron castings for higher working pressures. 4-bolt design places all four assembly bolts within the area of greatest internal pressure, which maintains perfect alignment and thus eliminates any decrease in efficiency at high pressures. This greatly reduces internal distortion and the resulting wear of internal parts. Deflecting pressure-balanced wear plates maintain high volumetric efficiencies and minimize mechanical losses. Pressure-lubricated roller bearing design makes these units relatively insensitive to contamination and also makes the units fully repairable.



Application: Outboard bearing in some models (see tables) allows limited side loading of the input shaft. Bi-Rotational models have internal check valves that drain case

pressure back to the low pressure side.

Pressure Limits: Outlet: (Varies with displacement. See table below). Inlet: 5 in. Hg vacuum to 150 psi. Inlet pressures over 150 psi require a case drain line be installed.

Rated Speeds: Varies with displacement (See table below).

Maximum System Temperature: 180°F.

Note: Ratings based on using anti wear hydraulic fluid. For information on use with other fluids, contact us for assistance.

Recommended Filtration: 10 Micron Absolute for maximum pump life.

Dimensions: page 587

Foot Brackets: page 201

Hydreco® 1500K Series Gear Pumps • To 22 GPM @ 1800 RPM • Up to 2500 PSI • Up to 4000 RPM

Catalog Part No.	Hydreco Model	Displacement Pressure Rating Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
•C1AK92	1515KC3A1AB	1.771 in ³ /rev 2500 PSI 3200 RPM	12.4	2-Bolt SAE A	5/8 St.Keyed x 2.25 Long	3/4 NPT Side & Rear (Side Ports Plugged)	Bi-Rot.	Shielded Outboard Bearing	18.65	

Note: Minimum speed under load is 600 RPM.

Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Eaton Series 26 Gear Pumps

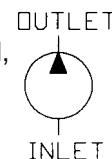
To 24 GPM @ 1800 RPM • Up to 3000 PSI • Up to 3600 RPM



Features: 13-tooth gears minimize the flow ripple for reduced noise and vibration. Bearing lubrication system uses inlet oil instead of high pressure oil, improving volumetric efficiency. Innovative wear plate permits simple rotation change.

Application: Rotation may be reversed by reconfiguring internal parts - no extra parts are required. Simply open the pump, switch the drive gear and idler gear, reposition the plug and reassemble. Side Load Limits - contact us for assistance.

Pressure Limits: Outlet: Varies with displacement (See table below). Inlet: Maximum inlet vacuum at operating condition 6.0 In. Hg.



Rated Speeds: Varies with displacement (See table below).

Operating Temperatures: Minimum Operating -20°F. Maximum Continuous 220°F. Minimum Continuous Oil Viscosity 45 SSU.

Dimensions: page 591

Foot Brackets: page 201

Eaton Series 26 Gear Pumps • To 24 GPM @ 1800 RPM • Up to 3000 PSI • Up to 3600 RPM

Catalog Part No.	Eaton Model	Displacement Pressure Rating Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1JB79	26001-RZG	0.400 in ³ /rev 3000 PSI 3600 RPM	3.1	2-Bolt SAE A	5/8 St. Keyed	SAE-12 Side Inlet, SAE-10 Side Outlet	CW		4.78	
C1JB81	26002-RZC	0.500 in ³ /rev 3000 PSI 3600 RPM	3.9	2-Bolt SAE A	3/4 St. Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		4.86	
C1JB83	26003-RZG	0.580 in ³ /rev 3000 PSI 3600 RPM	4.5	2-Bolt SAE A	5/8 St. Keyed	SAE-12 Side Inlet, SAE-10 Side Outlet	CW		5.00	
C1JB84	26003-RZJ	0.580 in ³ /rev 3000 PSI 3600 RPM	4.5	2-Bolt SAE A	9 Tooth SAE A Splined	SAE-12 Side Inlet, SAE-10 Side Outlet	CW		4.93	
•C1EX65	26004-RAF	0.660 in ³ /rev 3000 PSI 3600 RPM	5.1	2-Bolt SAE A	3/4 St. Keyed x 2 inches long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		5.15	
•C1FD31	26004-RZC	0.660 in ³ /rev 3000 PSI 3600 RPM	5.1	2-Bolt SAE A	3/4 St. Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		5.64	
C1JB85	26004-RZE	0.660 in ³ /rev 3000 PSI 3600 RPM	5.1	2-Bolt SAE A	9 Tooth SAE A Splined	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		5.08	
C1FP92	26005-RZC	0.840 in ³ /rev 3000 PSI 3600 RPM	6.5	2-Bolt SAE A	3/4 St. Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		5.45	
C1HH87	26005-RZE	0.840 in ³ /rev 3000 PSI 3600 RPM	6.5	2-Bolt SAE A	9 Tooth SAE A Splined	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		6.55	
C1JB86	26006-RZC	1.020 in ³ /rev 3000 PSI 3200 RPM	7.9	2-Bolt SAE A	3/4 St. Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		5.65	
C1JY31	26007-LZC	1.200 in ³ /rev 3000 PSI 3200 RPM	9.3	2-Bolt SAE A	3/4 St. Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CCW		7.10	
•C1JB88	26007-RZC	1.200 in ³ /rev 3000 PSI 3200 RPM	9.3	2-Bolt SAE A	3/4 St. Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		4.84	

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Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Eaton Series 26 Gear Pumps • To 24 GPM @ 1800 RPM • Up to 3000 PSI • Up to 3600 RPM

Catalog Part No.	Eaton Model	Displacement PressureRating Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1JB89	26007-RZE	1.200 in ³ /rev 2850 PSI 3200 RPM	9.3	2-Bolt SAE A	9 Tooth SAE A Splined	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		5.80	
C1JY32	26010-RZC	1.54 in ³ /rev 3000 PSI 3000 RPM	12.0	2-Bolt SAE A	3/4 St.Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		7.50	
C1JY34	26011-RZC	1.69 in ³ /rev 3000 PSI 3000 RPM	13.1	2-Bolt SAE A	3/4 St.Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CW		7.90	
C1JY36	26012-RZJ	1.77 in ³ /rev 1950 PSI 3000 RPM	13.7	2-Bolt SAE A	9 Tooth SAE A Splined	SAE-12 Side Inlet, SAE-10 Side Outlet	CW		7.99	
•C1JD39	26013-LZC	1.870 in ³ /rev 3000 PSI 3000 RPM	14.5	2-Bolt SAE A	3/4 St.Keyed x 1-1/4 long	SAE-16 Side Inlet, SAE-10 Side Outlet	CCW		6.81	

Note: Minimum speed at rated pressure is 750 RPM.

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Eaton L2 Series Gear Pumps

To 26 GPM @ 1800 RPM • Up to 3600 PSI • Up to 3500 RPM



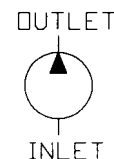
Pressure Limits: Outlet: Varies with displacement (See table below). Inlet: Maximum inlet vacuum at operating condition 6.0 In. Hg.

Rated Speeds: Varies with displacement (See table below).

Operating Temperatures: Minimum Operating -20°F. Maximum Continuous 225°F.

Dimensions: page 592

Foot Brackets: page 201



Eaton L2 Series Gear Pumps • To 26 GPM @ 1800 RPM • Up to 3600 PSI • Up to 3500 RPM

Catalog Part No.	Eaton Model	Displacement Pressure Rating Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1JX97	25501-RSC	1.55 in ³ /rev 3600 PSI 3000 RPM	12.0	2-Bolt SAE B	7/8 Straight Keyed	SAE-20 Side Inlet, SAE-12 Side Outlet	CW		14.00	
C1JX98	25503-RSA	2.05 in ³ /rev 3600 PSI 2750 RPM	15.9	2-Bolt SAE B	13 Tooth SAE B Splined	SAE-20 Side Inlet, SAE-12 Side Outlet	CW		14.00	
C1JY11	25504-LSC	2.33 in ³ /rev 3600 PSI 2750 RPM	18.1	2-Bolt SAE B	7/8 Straight Keyed	SAE-20 Side Inlet, SAE-12 Side Outlet	CCW		15.20	
C1JY12	25504-RSC	2.33 in ³ /rev 3600 PSI 2750 RPM	18.1	2-Bolt SAE B	7/8 Straight Keyed	SAE-20 Side Inlet, SAE-12 Side Outlet	CW		15.17	

Note: Minimum speed at rated pressure is 750 RPM.

Parts for Eaton L2 Series Gear Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1JX96	25500-901	Seal Kit for Plain Pump	0.20	

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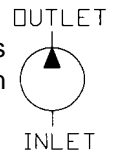
Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 3PE Aluminum Gear Pumps

To 34 GPM @ 1800 RPM • Up to 3625 PSI • Up to 2700 RPM



Features: All pumps are available as multiple units either of the same or different series. With all sizes, there are options of shafts, flanges and ports as for European, German and American standards. Salami gear pumps offer high volumetric efficiency by innovative design and accurate control of machining tolerances. Axial compensation achieved by the use of floating bushings that allow high volumetric efficiency throughout the working pressure range. DU bearings ensure high pressure capability.



Application: Pumps are stocked with Clockwise rotation. Rotation can be changed by reversing the position of the drive shaft and driven shaft, and rotating the front flange.

Pressure Limits: Inlet pressure: 7.38 in. Hg to 21.7 PSI. Pump Outlet: Continuous working pressure varies with displacement (See table below). Peak pressure pressures up to 4300 PSI.

Speed Ratings: Continuous speed at working pressure varies with displacement (See table below).

Temperature Ratings: With Buna-N seals (standard): -4°F to 185°F. With FPM seals (Viton): -4°F to 230°F.

Fluids: Minimum Operating fluid viscosity: 66 SUS (with 80% reduction of working pressure and at minimum speed) to 3635 SUS (maximum starting viscosity). Normal operating range: 85 SUS to 297 SUS.

Recommended Filtration: ISO 4406: < 2900 PSI: 20/19/16; > 2900 PSI: 19/18/15.

Dimensions: page 603

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Salami 3PE Aluminum Gear Pumps • To 34 GPM @ 1800 RPM • Up to 3625 PSI • Up to 2700 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MV73	613011112 (3PE21D-R55S3)	1.26 in ³ /rev 3625 PSI 2700 RPM	9.8	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		19.00	
C1MV78	613012412 (3PE21D-R87S3)	1.26 in ³ /rev 3625 PSI 2700 RPM	9.8	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		19.00	
C1MV93	613012812 (3PE21D-R88S3)	1.26 in ³ /rev 3625 PSI 2700 RPM	9.8	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		19.00	
C1MV74	613011122 (3PE27D-R55S3)	1.65 in ³ /rev 3625 PSI 2700 RPM	12.7	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		19.60	
C1MV79	613012422 (3PE27D-R56S3)	1.65 in ³ /rev 3625 PSI 2700 RPM	12.7	2-Bolt SAE B	15T Splined x 1.81 long SAE BB	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		19.60	
C1MV86	613012622 (3PE27D-R87S3)	1.65 in ³ /rev 3625 PSI 2700 RPM	12.7	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		19.60	
C1MV94	613012822 (3PE27D-R88S3)	1.65 in ³ /rev 3625 PSI 2700 RPM	12.7	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		19.60	
C1MV72	613011032 (3PE33D-R55S3)	2.04 in ³ /rev 3625 PSI 2700 RPM	15.5	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.10	
C1MV80	613012432 (3PE33D-R56S3)	2.04 in ³ /rev 3625 PSI 2700 RPM	15.5	2-Bolt SAE B	15T Splined x 1.81 long SAE BB	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.10	
C1MV87	613012632 (3PE33D-R87S3)	2.04 in ³ /rev 3625 PSI 2700 RPM	15.5	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.10	
C1MV95	613012832 (3PE33D-R88S3)	2.04 in ³ /rev 3625 PSI 2700 RPM	15.5	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.10	



This page is part of a complete catalog which contains technical and safety data that must be reviewed when selecting a product



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 3PE Aluminum Gear Pumps • To 34 GPM @ 1800 RPM • Up to 3625 PSI • Up to 2700 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MV75	613011132 (3PE38D-R55S3)	2.36 in ³ /rev 3480 PSI 2475 RPM	18.0	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.60	
C1MV81	613012442 (3PE38D-R56S3)	2.36 in ³ /rev 3480 PSI 2475 RPM	18.0	2-Bolt SAE B	15T Splined x 1.81 long SAE BB	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.60	
C1MV88	613012642 (3PE38D-R87S3)	2.36 in ³ /rev 3480 PSI 2475 RPM	18.0	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.60	
C1MV96	613012842 (3PE38D-R88S3)	2.36 in ³ /rev 3480 PSI 2475 RPM	18.0	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-16 Side Inlet, SAE-12 Side Outlet	CW		20.60	
C1MW12	613079672 (3PE46D-R55S3)	2.86 in ³ /rev 3625 PSI 2475 RPM	22.0	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		22.30	
C1MV82	613012452 (3PE46D-R56S3)	2.86 in ³ /rev 3625 PSI 2475 RPM	22.0	2-Bolt SAE B	15T Splined x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		22.30	
C1MV89	613012652 (3PE46D-R87S3)	2.86 in ³ /rev 3625 PSI 2475 RPM	22.0	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		22.30	
C1MV97	613012852 (3PE46D-R88S3)	2.86 in ³ /rev 3625 PSI 2475 RPM	22.0	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		22.30	
C1MR55	613011042 (3PE55D-R55S3)	3.30 in ³ /rev 3190 PSI 2250 RPM	25.4	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.00	
C1MV83	613012462 (3PE55D-R56S3)	3.30 in ³ /rev 3190 PSI 2250 RPM	25.4	2-Bolt SAE B	15T Splined x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.00	
C1MV90	613012662 (3PE55D-R87S3)	3.30 in ³ /rev 3190 PSI 2250 RPM	25.4	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.00	
C1MV98	613012862 (3PE55D-R88S3)	3.30 in ³ /rev 3190 PSI 2250 RPM	25.4	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.00	
C1MV76	613011142 (3PE65D-R55S3)	3.85 in ³ /rev 2900 PSI 2250 RPM	29.5	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.80	
C1MV84	613012472 (3PE65D-R56S3)	3.85 in ³ /rev 2900 PSI 2250 RPM	29.5	2-Bolt SAE B	15T Splined x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.80	
C1MV91	613012672 (3PE65D-R87S3)	3.85 in ³ /rev 2900 PSI 2250 RPM	29.5	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.80	
C1MV99	613012872 (3PE65D-R88S3)	3.85 in ³ /rev 2900 PSI 2250 RPM	29.5	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		23.80	
C1MV77	613011152 (3PE75D-R55S3)	4.48 in ³ /rev 2610 PSI 2250 RPM	33.8	2-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		24.60	
C1MV85	613012482 (3PE75D-R56S3)	4.48 in ³ /rev 2610 PSI 2250 RPM	33.8	2-Bolt SAE B	15T Splined x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		24.60	
C1MV92	613012682 (3PE75D-R87S3)	4.48 in ³ /rev 2610 PSI 2250 RPM	33.8	2-Bolt SAE B	7/8 St. Keyed x 1.61 long SAE B	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		24.60	
C1MW11	613012882 (3PE75D-R88S3)	4.48 in ³ /rev 2610 PSI 2250 RPM	33.8	2-Bolt SAE B	1 St. Keyed x 1.81 long SAE BB	SAE-20 Side Inlet, SAE-16 Side Outlet	CW		24.60	



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Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami 3PE Series Gear Pump • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MQ40	313000311	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE21		
C1MW13	313000312	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE27		
C1MW14	313000313	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE33		
C1MQ41	313000314	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE38	0.87	
C1MW15	313000315	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE46		
C1MW16	313000316	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE55		
C1MW17	313000317	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE65		
C1MW18	313000318	For Multiple Pump Assemblies 2nd Pump Drive Gear 3PE75		
C1MW19	313003504	Rear Port Cover, Inlet Port SAE -16, Outlet Port SAE -12		
C1MT24	R13040010	S3 (SAE B 2-Bolt) Flange with Seals		
C1MT25	R13080030	Seal Kit for Pump with S3 Flange		
C1MT26	R13080031	Viton Seal Kit for Pump with S3 Flange		
C1MW20	R13090010	Tandem Kit 3PE/2PE		
C1MT27	R13090020	Tandem Kit 3PE/3PE		

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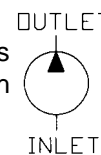
Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami Series PG331 Cast Iron Gear Pumps

To 38 GPM @ 1800 RPM • Up to 4000 PSI • Up to 2700 RPM



Features: All pumps are available as multiple units either of the same or different series. With all sizes, there are options of shafts, flanges and ports as for European, German and American standards. Salami gear pumps offer high volumetric efficiency by innovative design and accurate control of machining tolerances. Axial compensation achieved by the use of floating bushings that allow high volumetric efficiency throughout the working pressure range. DU bearings ensure high pressure capability.



Application: Pumps are stocked with Clockwise rotation. Rotation can be changed by reversing the position of the drive shaft and driven shaft, and rotating the front flange.

Pressure Limits: Inlet pressure: 7.38 in. Hg to 21.7 PSI. Pump Outlet: Continuous working pressure varies with displacement (See table below). Peak pressure pressures up to 4350 PSI.

Speed Ratings: Continuous speed at working pressure varies with displacement (See table below).

Temperature Ratings: With Buna-N seals (standard): -4°F to 185°F. With FPM seals (Viton): -4°F to 230°F.

Fluids: Minimum Operating fluid viscosity: 66 SUS (with 80% reduction of working pressure and at minimum speed) to 3635 SUS (maximum starting viscosity). Normal operating range: 85 SUS to 297 SUS.

Recommended Filtration: ISO 4406: < 2900 PSI: 20/19/16; > 2900 PSI: 19/18/15.

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Salami Series PG331 Cast Iron Gear Pumps • To 38 GPM @ 1800 RPM • Up to 4000 PSI • Up to 2700 RPM

Catalog Part No.	Salami Model	Displacement Pressure Rating (Continuous) Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
C1MW21	615200002 (PG331-23D-R55 S3)	1.43 in ³ /rev 3800 PSI 2700 RPM	11.0	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -16 Side Inlet SAE -12 Side Outlet	CW		28.40	
C1MW22	615200022 (PG331-28D-R55 S3)	1.74 in ³ /rev 4000 PSI 2700 RPM	13.4	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -16 Side Inlet SAE -12 Side Outlet	CW		29.30	
C1MW23	615200032 (PG331-34D-R55 S3)	2.10 in ³ /rev 4000 PSI 2700 RPM	16.1	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -16 Side Inlet SAE -12 Side Outlet	CW		30.14	
C1MW24	615200042 (PG331-40D-R55 S3)	2.46 in ³ /rev 3800 PSI 2430 RPM	18.7	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -16 Side Inlet SAE -12 Side Outlet	CW		31.10	
C1MW25	615200052 (PG331-47D-R55 S3)	2.89 in ³ /rev 4000 PSI 2430 RPM	22.1	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -20 Side Inlet SAE -16 Side Outlet	CW		36.60	
C1MW26	615200062 (PG331-55D-R55 S3)	3.37 in ³ /rev 3335 PSI 2430 RPM	25.6	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -20 Side Inlet SAE -16 Side Outlet	CW		37.92	
C1MW27	615200072 (PG331-64D-R55 S3)	3.92 in ³ /rev 2900 PSI 2250 RPM	30.1	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -20 Side Inlet SAE -16 Side Outlet	CW		39.51	
C1MR74	615200082 (PG331-72D-R55 S3)	4.48 in ³ /rev 2465 PSI 250 RPM	33.3	2/4-Bolt SAE B	13T Splined x 1.61 long SAE B	SAE -20 Side Inlet SAE -16 Side Outlet	CW		40.98	

Salami PG331 Series Gear Pumps • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MT35	R15200001	Multiple Pump Assembly Kit PGG331/2PE		
C1MT36	R15200002	Multiple Pump Assembly Kit PGG331/PGG331		

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Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Salami PG331 Series Gear Pumps • Parts

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MQ54	315000341	Multiple Pump Drive Gear PG331-23		
C1MQ55	315000342	Multiple Pump Drive Gear PG331-28		
C1MQ56	315000343	Multiple Pump Drive Gear PG331-34		
C1MQ57	315000344	Multiple Pump Drive Gear PG331-40		
C1MW28	315000345	Multiple Pump Drive Gear PG331-47		
C1MQ58	315000346	Multiple Pump Drive Gear PG331-55		
C1MQ59	315000347	Multiple Pump Drive Gear PG331-64	1.11	
C1MW29	315000348	Multiple Pump Drive Gear PG331-72		
C1MW30	315000349	Multiple Pump Drive Gear PG331-80		
C1MZ33	415003501	Rear Cover for Tandem Pump PGG331-23-40cc		
C1MZ34	415003508	Rear Cover for Tandem Pump PGG331-47-72cc		

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Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Permco Box Pumps For PTO Applications To 46 GPM @ 1800 RPM • 2500 PSI • 2000 RPM



Features: Sized to interchange with Muncie PTO pumps (See table below for Muncie numbers). Special iron alloy used for shaft covers, gear housings, bearing carriers and port end cover castings. Gears are cut to extremely close tolerances, and are shaped (rather than hobbing and shaving) for maximum volumetric efficiency.

Application: Pumps are stocked with Permco's "Continental Shaft" (Shaft can be changed without pump disassembly by removing shaft retaining snap ring and pulling shaft and bearing out). This allows for an easy shaft change to satisfy various applications. All pumps have both side and rear ports (The 2 unused ports need to be plugged). All pumps are bi-rotational and may be used as bi-rotational motors (Case drain is drilled and plugged for use as a motor).

Pressure Limits: Outlet: 2500 PSI. Inlet: Not to exceed 10 in. Hg vacuum at 1200 RPM, 7 in. Hg vacuum at 1800 RPM, or a positive pressure greater than 20 PSI.

Rated Speeds: 2000 RPM.

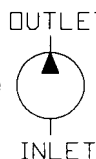
Maximum System Temperature: Under normal conditions of continuous operation, not to exceed 150°F. Never to exceed 185°F.

Note: Ratings based on using anti wear hydraulic fluid. For information on use with other fluids, contact us for assistance.

Recommended Filtration: 25 micron return filter with B10 rating of at least 2.2.

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Permco Box Pumps For PTO Applications • To 46 GPM @ 1800 RPM • 2500 PSI • 2000 RPM

Catalog Part No.	Permco Model	Displacement Pressure Rating Max Speed	Flow GPM 1800 RPM	Mtg Flange	Shaft	Ports	Rotation	Other Features	Wt.	Price Each
•C1DG97	PEL17C	4.500 in ³ /rev 2500 PSI 2000 RPM	33.0	4-Bolt SAE B	13 Tooth SAE B Splined	1-1/4 NPT Side and Rear	Bi-Rot.	Replaces Muncie PL19	47.00	
•C1DG98	PEL20C	5.150 in ³ /rev 2500 PSI 2000 RPM	37.0	4-Bolt SAE B	13 Tooth SAE B Splined	1-1/4 NPT Side and Rear	Bi-Rot.	Replaces Muncie PL23	47.00	
•C1DG99	PEL22C	5.790 in ³ /rev 2500 PSI 2000 RPM	41.0	4-Bolt SAE B	13 Tooth SAE B Splined	1-1/4 NPT Side and Rear	Bi-Rot.	Replaces Muncie PL25	49.52	
•C1DH11	PEL25C	6.400 in ³ /rev 2500 PSI 2000 RPM	46.0	4-Bolt SAE B	13 Tooth SAE B Splined	1-1/2 NPT Side, 1-1/4 NPT Rear	Bi-Rot.	Replaces Muncie PL27	47.00	



Pumps & Accessories

Single Hydraulic Pumps • Fixed Displacement Gear Pumps

Miscellaneous Single Gear Pumps



Miscellaneous Single Gear Pumps

Catalog Part No.	Mfg. Part No.	Mfg. Name	Displ in ³ /rev	Mount	Shaft	Ports	Rot.	Other Features	Wt.	Price Each
•C1AK60	1413A-F136	Hydreco	1.36	SAE-A-2-Bolt	5/8 Straight Keyed x 1-1/2" Long, Woodruff Key	1-11-1/2 NPT Inlet, SAE-10 Outlet, 1/2-14 NPT Tank Port	CCW	Integral Relief Valve, Tach Drive	11.05	
•C1FF44	1413A-F137	Hydreco	1.36	SAE-A-2-Bolt	5/8 Straight Keyed x 1-1/2" Long, Woodruff Key	1-11-1/2 NPT Inlet, SAE-10 Outlet, 1/2-14 NPT Tank Port	CW	Integral Relief Valve, Tach Drive	11.52	
C1LZ72	CP124N10ROR6X	Permco	2.48	SAE A-2 bolt		SAE -20 oring inlet, SAE-16 oring outlet, rear	CW	Clutch Pump, 120 lb. ft. (after burnishing) 6 Groove K Type Serpentine clutch. (switch kit not included)	31.42	
C1LZ73	CP124N10ROR8X	Permco	2.48	SAE A-2 bolt		SAE -20 oring inlet, SAE-16 oring outlet, rear	CW	Clutch Pump, 120 lb. ft. (after burnishing) 8 Groove K Type Serpentine clutch. (switch kit not included)	30.12	
C1JP97	P257A367SPLZA15-(P257A367SPLZA15-6)	Permco	3.86	SAE-C 4-Bolt	14T SAE-C Splined		CW	With outboard bearing, cast iron design, sleeve bearings	60.00	
•C1MC43	P360A167EDSPLZA-	Permco	9.00	SAE C 4-bolt	1-1/4 Keyed with end yoke	1-1/4 side split flange	CCW	Max. Speed 2400 RPM; Max. Pressure 3000 PSI; Heavy duty sleeve bushing design, outboard bearing and excluder seal.	37.00	
•C1JJ48	P5000C531ADXK251 (P5000C531ADXK25-14)	Permco	6.43	SAE-B 4-Bolt	13T SAE-B Splined	1-1/4 NPT Side	Bi-Rot	With outboard bearing, cast iron design, roller bearings	35.00	
•C1GH65	690506 (P5000C531ADZK25-14)	Permco	6.43	SAE-B 4-Bolt	13T SAE-B Splined	SAE-20 Side	Bi-Rot	With outboard bearing, cast iron design, roller bearings	52.68	
C1KZ50	P5151A224AAXQ25-	Permco	5.70	SAE B 2/4-bolt	SAE B 13T spline	1-1/2 NPT side and rear	Bi-Rot		48.00	
C1KY71	P5151A231AA12ZA2 (P5151A231AA12ZA25-87)	Permco	6.43	SAE B-4 bolt	13T SAE-B Splined	1-1/2 NPT	Bi-Rot		46.24	

Pumps & Accessories

Single Hydraulic Pumps • Variable Displacement
Vickers PVQ Series Piston Pumps • To 30 GPM @ 1800 RPM

Vickers® PVQ Piston Pumps For Industrial Applications • Low Noise / 1800 RPM Capability



PVQ piston pumps are quiet, in-line, variable displacement units with pressure compensator and/or flow compensator (load-sense) controls. These pumps operate at quietness levels that meet today's demanding industrial conditions.

Pressure Limits: Outlet: (Varies with displacement. See table below). Case: 5 PSI.

Inlet: 5 in. Hg vacuum to 30 PSI.

Rated Speed: 1800 RPM.

Seals: Viton® standard.

Recommended Filtration: ISO level 18/16/14 (<2000 PSI), level 17/15/13 (2000-3000 PSI).

Recommended Fluid Viscosity: 80-180 SSU (Running), 2300 SSU Maximum at Startup.

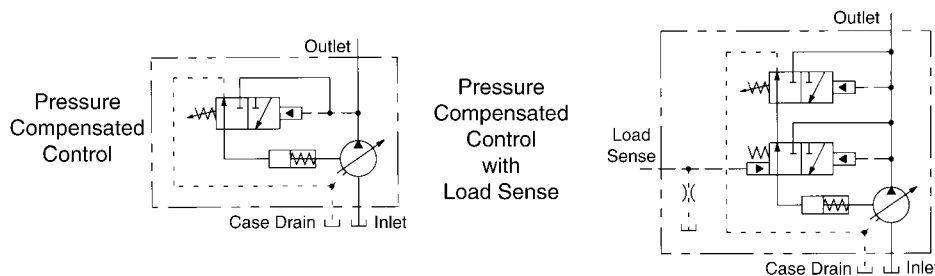
System Temperature: 0°F to 150°F (Optimum Range), 0°F to 180°F (Extreme Range).

Note: Ratings based on using anti wear hydraulic fluid or automotive type crankcase oil designations SC, SD, SE or SF per SAE J183FEB80. For information on use with fire resistant fluids, contact us for assistance.

CAUTION: Before the pump is started, fill the case through the uppermost drain port with hydraulic fluid of the type to be used. The case of the pump must remain full at all times. The case drain line must be connected directly to the reservoir and terminate below the oil level.

Dimensions: page 599

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Vickers® PVQ Piston Pumps • For Industrial Applications • Low Noise / 1800 RPM Capability

Catalog Part No.	Vickers Part No.	Vickers Model	Displacement & Pressure Rating	Flow GPM 1800 RPM	Control See Below	Mounting Flange	Shaft	Other Features	Wt.	Price Each
C1JR31	02-341576	PVQ10-A2R-SE1S-20-C21-12	0.64 in ³ /rev 3000 PSI	4.98	C21	2-Bolt SAE A	3/4 Straight Keyed	CW Rotation, SAE-12 Rear Main Ports, SAE-6 Case Drain	25.30	
C1JR28	02-341552	PVQ20-B2R-SE1S-21-C21-12	1.29 in ³ /rev 3000 PSI	10.0	C21	2-Bolt SAE B	7/8 Straight Keyed	CW Rotation, SAE-12 Rear Main Ports, SAE-8 Case Drain	31.00	
C1JV15	02-341685	PVQ32-B2R-SE1S-21-C14-12	2.01 in ³ /rev 2000 PSI	15.66	C14	2-Bolt SAE B	7/8 Straight Keyed	CW Rotation, SAE-12 Rear Main Ports, SAE-8 Case Drain	34.00	

CM7 Control: Pressure Compensated (350-1500 PSI range, set 1000 PSI)

C21V11B Control: Pressure Compensated (350-3000 PSI range, set 3000 PSI) and Load Sensing (150-250 PSI differential range, set at 160 PSI), with Bleed-Down orifice

C21 Control: Pressure Compensated (350-3000 PSI range, set 3000 PSI)

C19 Control: Pressure Compensated (350-3000 PSI range, set 2850 PSI)

C14 Control: Pressure Compensated (350-2000 PSI range, set 2000 PSI)

Parts for Vickers® PVQ Piston Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1DX95	626933	Standard Buna-N Shaft Seal for PVQ40/45	0.06	

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Single Hydraulic Pumps • Variable Displacement
Eaton Medium Duty Piston Pumps • To 32 GPM @ 1800 RPM

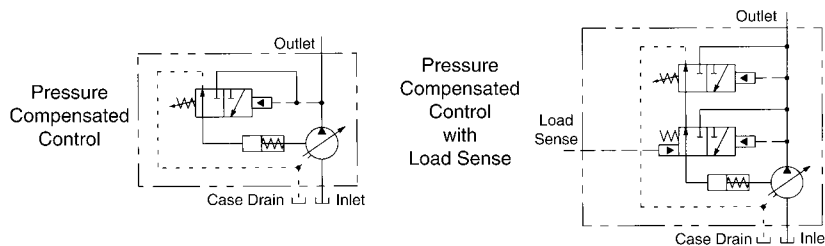


Eaton Medium Duty Piston Pumps For Mobile Applications High Pressure / High Speed Capability



- Features:** Compact, lightweight aluminum housing.
- Continuous Rated Pressure:** 3000 PSI.
- Maximum Intermittent Pressure:** 4000 PSI for 1.16 in³ and 2.32 in³ models, 3800 PSI for 2.77 in³ models, 4500 PSI for 4.21 in³ models.
- Continuous Allowable Case Pressure:** 25 PSI.
- Maximum Continuous Inlet Vacuum:** 4 in. Hg. for 1.16 in³ models, 3 in. Hg. for 2.32 in³ models, 2 in. Hg. for 2.77 and 4.21 in³ models,
- Temperature Limits:** -20°F to 225°F.
- Recommended Filtration:** ISO 4406 Cleanliness Level 18/13 or cleaner.
- CAUTION:** Before the pump is started, fill the case through the uppermost drain port with hydraulic fluid of the type to be used. The case of the pump must remain full at all times. The case drain line must be connected directly to the reservoir and terminate below the oil level.

Dimensions: page 596
Foot Brackets: page 201



Eaton Medium Duty Piston Pumps For Mobile Applications • High Pressure / High Speed Capability

Catalog Part No.	Eaton Part No.	Displacement & Speed Rating	Flow GPM 1800 RPM	Control	Mounting Flange	Shaft	Other Features	Wt.	Price Each
C1JM62	70122-RCA	1.16 in ³ /rev 2500 RPM	9.0	Pressure Compensated	2-Bolt SAE A	3/4 Straight Keyed	CW Rotation, Rear Ports (SAE-14 Inlet, SAE-12 Outlet), SAE-6 Case Drain, 3000 PSI Compensator Setting (Adjustable)	18.00	
C1KK68	70122-RCW	1.16 in ³ /rev 2500 RPM	9.0	Pressure Compensated	2-Bolt SAE A	9T SAE A Splined	CW Rotation, Rear Ports (SAE-14 Inlet, SAE-12 Outlet), SAE-6 Case Drain, 3000 PSI Compensator Setting (Adjustable)	18.00	
C1KC97	70122-RBB	1.16 in ³ /rev 2500 RPM	9.0	Pressure Compensated	2-Bolt SAE A	9T SAE A Splined	CW Rotation, Rear Ports (SAE-12 Inlet, SAE-10 Outlet), SAE-6 Case Drain, 2800 PSI Compensator Setting (Adjustable)	18.00	
C1BY63	70423-RBT	2.77 in ³ /rev 3000 RPM	21.5	Pressure Compensated Load Sense	2-Bolt SAE BB	13T SAE B Splined	CW Rotation, Rear Ports (SAE-20 Inlet, SAE-16 Outlet), SAE-6 Case Drain, 3000 PSI Compensator Setting (Adjustable), 200 PSI Load Sense Bias (Non-adjustable)	26.00	
C1BY64	70523-LAB	4.21 in ³ /rev 2500 RPM	32.8	Pressure Compensated Load Sense	2-4-Bolt SAE C	14T SAE C Splined	CCW Rotation, Side Ports (2 Inch Code 61 Flange Inlet, 1 Inch Code 61 Flange Outlet), SAE-10 Case Drain, 3000 PSI Compensator Setting (Adjustable), 200 PSI Load Sense Bias (Non-adjustable)	78.00	
C1KD62	70553-RAB	4.21 in ³ /rev 2500 RPM	32.8	Pressure Compensated Load Sense	2-4-Bolt SAE C	14T SAE C Splined	CW Rotation, Side Ports (2 Inch Code 61 Flange Inlet, 1 Inch Code 61 Flange Outlet), SAE-10 Case Drain, 3000 PSI Compensator Setting (Adjustable), 200 PSI Load Sense Bias (Non-adjustable)	78.00	



Pumps & Accessories



Single Hydraulic Pumps • Variable Displacement
 Eaton Medium Duty Piston Pumps • To 32 GPM @ 1800 RPM



Parts for Eaton Medium Duty Piston Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
•C1FA80	70422-915	Seal Kit for Models 70422 and 70423	0.16	
C1FA79	70422-900	Seal Repair Kit for Models 70122 and 70422	0.17	
C1KC99	70142-938	Seal Repair Kit, Models 70142-70144-70145	0.05	
C1KD57	70523-900	Seal Repair Kit, Model 70523	0.18	
C1JS78	0070122-902	Seal Repair Kit, Model 70122	0.08	
C1JX45	16253-16	Shaft Seal, Model 70122	0.02	
C1JX46	16253-18	Shaft Seal, Model 70422	0.04	
C1JX44	16232-22	Shaft Seal, Model 70523	0.14	

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Single Hydraulic Pumps • Variable Displacement
Eaton 420 Series Mobile Piston Pumps • To 38 GPM @ 1800 RPM



Eaton 420 Mobile Piston Pumps High Pressure / High Speed Capability



Eaton's 420 Series mobile pumps are open circuit, axial piston designs with displacements of 2.50 in³/rev, 3.00 in³/rev, 3.80 in³/rev and 4.88 in³/rev for operating speeds up to 2,650 rpm. They are available with a variety of control options to match their performance to a broad range of mobile applications.

Features: Highly efficient pump controls • Strong, field-proven rotating group • Saddle-type swashplate with steel-backed polymer bearings and a pressure lubrication passage to reduce wear • Stiff swashplate reduces deflection, allows for evenly loaded bearings & extends unit life • Single control piston reduces forces acting on swashplate & reduces package size • Bimetal timing plate improves pump filling characteristics which reduces fluid-borne noise and extends pump life.

Pressure Ratings: 2.50 in³/rev thru 3.80 in³/rev Models: 4060 psi Continuous, 4600 psi Intermittent, 5000 psi Peak. 4.88 in³/rev Models: 3050 psi Continuous, 3335 psi Intermittent, 3625 psi Peak.

Speed Ratings: 2.50 in³/rev & 3.00 in³/rev Models: 2650 rpm @ 0 psig, 2450 rpm @ 5 in.Hg, 2950 rpm @ 15 psig, 3600 rpm Max Standby. 3.80 in³/rev Models: 2600 rpm @ 0 psig, 2400 rpm @ 5 in.Hg, 2800 rpm @ 15 psig, 3600 rpm Max Standby. 4.88 in³/rev Models: 2200 rpm @ 0 psig, 1800 rpm @ 5 in.Hg, (N/A) rpm @ 15 psig, 3600 rpm Max Standby. Note: All models have a 600 RPM Minimum Speed.

Inlet Pressure: 0 PSIG Rated, 5 in.Hg Minimum, 50 PSIG Maximum.

Case Pressure: 5 psig Maximum Continuous, 30 psig Maximum Intermittent, 75 psig Peak.

Operating Temperature: 200°F Rated, -35°F Minimum, 220°F Maximum.

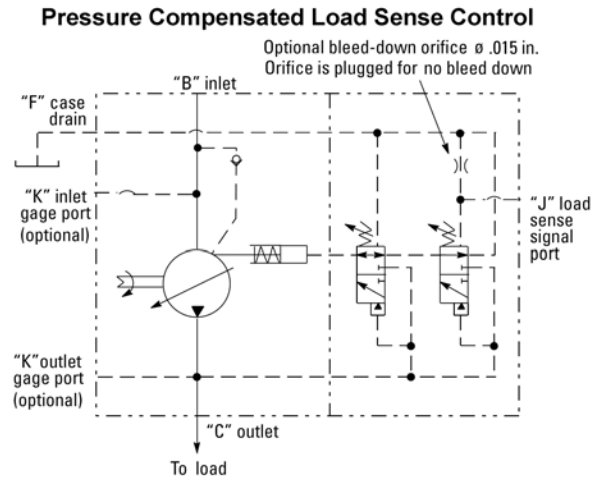
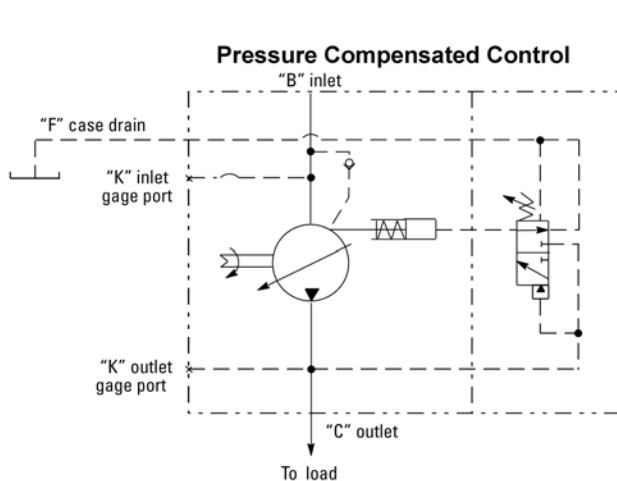
Recommended Hydraulic Fluid: Use antiwear hydraulic oil, or automotive type crankcase oil (designations SC, SD, SE or SF) per SAE J183 FEB80.

Hydraulic Fluid Viscosity: 80 to 188 SSU Recommended Operating Range, 1192 SSU Maximum Continuous, 9720 SSU Maximum at Startup.

Recommended Filtration: ISO 4406 Cleanliness Level 21/18/13 or cleaner.

CAUTION: Before the pump is started, fill the case through the uppermost drain port with hydraulic fluid of the type to be used. The case of the pump must remain full at all times. The case drain line must be connected directly to the reservoir and terminate below the oil level.

Dimensions: page 598



Pumps & Accessories



Single Hydraulic Pumps • Variable Displacement
Eaton 420 Series Mobile Piston Pumps • To 38 GPM @ 1800 RPM



Eaton 420 Mobile Piston Pumps • High Pressure / High Speed Capability

Catalog Part No.	Eaton Part No.	Displacement & Pressure Rating	Flow GPM 1800 RPM	Control	Mounting Flange	Shaft	Other Features	Wt. (lbs)	Price Each
C1LX33	421AK01152B ADU041L05AB10 A2814000020010 OCD0B	2.50 in ³ /rev 4060 PSI	19.5	Pressure Compensated Load Sense	2-Bolt SAE B	13T SAE B Splined	CW Rotation, Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 3050 PSI Compensator Setting (Adjustable), 200 PSI Load Sense Bias (Adjustable), Standard Polyacrylate Shaft Seal, External Manual Stroke Adjustment	56.58	
C1KG78	421AK00694B ADU041R05AA10 A2814000020010 OCD0A	2.50 in ³ /rev 4060 PSI	19.5	Pressure Compensated Load Sense	2-Bolt SAE B	13T SAE B Splined	CW Rotation, Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 3050 PSI Compensator Setting (Adjustable), 200 PSI Load Sense Bias (Adjustable), Standard Polyacrylate Shaft Seal, External Manual Stroke Adjustment	57.00	
C1LX34	421AK01670B ADU062R08AB10 A3236000010010 OCD0B	3.80 in ³ /rev 4060 PSI	29.6	Pressure Compensated Load Sense	2-Bolt SAE BB	15T Splined	CW Rotation, Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 3335 PSI Compensator Setting (Adjustable), 262 PSI Load Sense Bias (Adjustable), Standard Polyacrylate Shaft Seal	64.95	
C1KK35	421AK01292B ADU062R08AB10 A2430000010010 OCD0B	3.80 in ³ /rev 4060 PSI	29.6	Pressure Compensated Load Sense	2-Bolt SAE BB	15T Splined	CW Rotation, Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 2850 PSI Compensator Setting (Adjustable), 455 PSI Load Sense Bias (Adjustable), Standard Polyacrylate Shaft Seal, External Manual Stroke Adjustment	35.00	
C1MZ36	421AK01944B ADU062R32AA11 A4324000010050 OCD0B	3.80 in ³ /rev 4060 PSI	29.6	Pressure Compensated Load Sense	2/4-Bolt SAE C	14T SAE C Splined	CW Rot., Code 61 Flange Rear Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 4050 PSI Compensator Setting (Adjustable), 350 PSI Load Sense Bias (Adjustable), Single Fluorocarbon Rubber Shaft Seal		
C1MZ38	421AK01979B ADU062R32AB10 A243000001AC5A ACD0B	3.80 in ³ /rev 4060 PSI	29.6	Pressure Compensated Load Sense	2/4-Bolt SAE C	14T SAE C Splined	CW Rot., Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 2800 PSI Compensator Setting (Adjustable), 425 PSI Load Sense Bias (Adjustable), Single Fluorocarbon Rubber Shaft Seal, SAE B-2 bolt Thru Drive w/13T spline		
C1LX36	421AK01677B ADU062R32AB10 A3517000010050 OCD0B	3.80 in ³ /rev 4060 PSI	29.6	Pressure Compensated Load Sense	2/4-Bolt SAE C	14T SAE C Splined	CW Rotation, Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 3550 PSI Compensator Setting (Adjustable), 145 PSI Load Sense Bias (Adjustable), Single Viton® Shaft Seal	64.95	
C1LX35	421AK01676B ADU062R32AB10 A352100001AD50 OCD0B	3.80 in ³ /rev 4060 PSI	29.6	Pressure Compensated Load Sense	2/4-Bolt SAE C	14T SAE C Splined	CW Rotation, Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 3550 PSI Compensator Setting (Adjustable), 300 PSI Load Sense Bias (Adjustable), Aux Rear Mount SAE B 2 Bolt 15T Spline, Single Viton® Shaft Seal	62.00	



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Pumps & Accessories

Single Hydraulic Pumps • Variable Displacement
 Eaton 420 Series Mobile Piston Pumps • To 38 GPM @ 1800 RPM



Eaton 420 Mobile Piston Pumps • High Pressure / High Speed Capability

Catalog Part No.	Eaton Part No.	Displacement & Pressure Rating	Flow GPM 1800 RPM	Control	Mounting Flange	Shaft	Other Features	Wt. (lbs)	Price Each
C1MZ37	421AK01945B ADU062R38AA11 A4324000010050 OCD0B	3.80 in ³ /rev 4060 PSI	29.6	Pressure Compensated Load Sense	2/4-Bolt SAE C	1.25 Dia. Tapered Key Shaft w/ 1-12UN F thd.	CW Rot., Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 4050 PSI Compensator Setting (Adjustable), 350 PSI Load Sense Bias (Adjustable), Single Fluorocarbon Rubber Shaft Seal		
C1LX37	421AK01678B ADU080R32AB10 A5524000010050 OCD0B	4.88 in ³ /rev 3050 PSI	38.0	Pressure Compensated Load Sense	2/4-Bolt SAE C	14T SAE C Splined	CW Rotation, Code 61 Flange Side Ports 2" Inlet 1" Outlet, Top SAE-12 Case Drain, SAE-4 Load Sense, 3200 PSI Compensator Setting (Adjustable), 350 PSI Load Sense Bias (Adjustable), Single Viton® Shaft Seal	57.00	

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Pumps & Accessories

Single Hydraulic Pumps • Variable Displacement
Vickers M Series Piston Pumps • To 67 GPM @ 1800 RPM



Vickers® M Series Piston Pumps For Industrial & Mobile Applications



M Series pumps operate at a level of quietness that exceeds the requirements of today's demanding work conditions. M Series pumps are capable of operating with many types of hydraulic fluids used in industrial systems.

Pressure Limits: Outlet: (Varies with displacement. See table below). Case: 7 psi continuous, 30 psi intermittent, 50 psi peak. Inlet: 5 in. Hg vacuum to 30 psi.

Recommended Filtration: The M Series pumps are rated in anti-wear petroleum fluids with a contamination level of 20/18/13 (Eaton) or ISO 18/13.

Recommended Fluid Viscosity: 83 to 187 SUS running, 4550 SUS Maximum at Startup, 90 SUS Minimum

System Temperature: Maximum Operating 180°F, Maximum intermittent 220°F, minimum to maintain fluid viscosity.

Note: Ratings based on using anti wear hydraulic fluid or automotive type crankcase oil designations SC, SD, SE or SF per SAE J183FEB80. For information on use with fire resistant fluids, contact us for assistance.

CAUTION: Before the pump is started, fill the case through the uppermost drain port with hydraulic fluid of the type to be used. The case of the pump must remain full at all times. The case drain line must be connected directly to the reservoir and terminate below the oil level.

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Foot Brackets: page 201

Vickers® M Series Piston Pumps • For Industrial & Mobile Applications

Catalog Part No.	Vickers Part No.	Vickers Model	Displacement & Speed Rating	Flow GPM 1800 RPM	Control	Mounting Flange	Shaft	Other Features	Wt.	Price Each
C1LA98	123AL01174A	PVM131MR11GS02 AAC25200000A0A	8.00 in ³ /rev 2000 rpm	62	Pressure and Flow Compensator with Plugged Orifice	SAE C, 4-bolt	SAE C, 14T-Spline	Adjustable Maximum Displacement Stop	145.00	

Note: Please contact us for technical & application information on these pumps.

Parts for Vickers® M Series Piston Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1KE21	864200	Shaft Seal, Models 131-141	0.07	

Eaton Duraforce™ HPR Self-regulating Pump for Open Loop Operation For Mobile Applications



The extreme precision and durability of Eaton DuraForce HPR Series heavy-duty open-circuit pumps make them a top candidate for highly efficient vehicle control systems for agriculture, forestry, construction, mining and more. DuraForce pumps feature a flexible modular design that enables interchangeability across a variety of applications.

Features: • High pressure axial piston pump in swash plate design for open loop systems • Clockwise or counter clockwise rotation • Self-priming at high nominal speed

- Higher rotating speed by tank pressurization or swash angle reduction • Adaptive noise optimization SPU • Decompression fluid is drained via pump housing for suction side stability • Exact and rugged load sensing controls • SAE high pressure ports • SAE mounting flange with ANSI or SAE spline shaft • Through shaft SAE A, B, B-B, C, D and E • Optional tandem and multiple pumps

Pressure Ratings: Nominal: 6092 PSI; Peak: 7252 PSI; Permissible Housing Pressure (absolute): 36 PSI

Speed Ratings: Maximum operating speed (rated speed) without tank pressurization: 3.34 in³/rev Models: 2700 RPM; 4.63 in³/rev Models: 2600 RPM; 6.41 in³/rev & 8.27 in³/rev Models: 2300 RPM; 10.07 in³/rev Models: 2100 RPM; 12.81 in³/rev Models: 2000 RPM.

Operating Temperatures: Permissible Housing Temperature with min. permissible. viscosity > 10 cSt: 194°F [90°C]. Fluid temperature range: -4°F [-20°C] to 194°F [90°C].

Recommended Hydraulic Fluid: • Mineral oil HLP to DIN 51 524-2 • Biodegradable fluids in accordance with ISO 15 380 on request

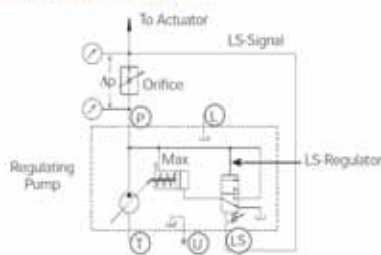
Hydraulic Fluid Viscosity: Working viscosity range: 10 to 80 cSt; Optimum working viscosity: 15 to 30 cSt; Max. viscosity (short time start up): 1000 cSt.

Recommended Filtration: 18/16/13 in accordance with ISO 4406 or better

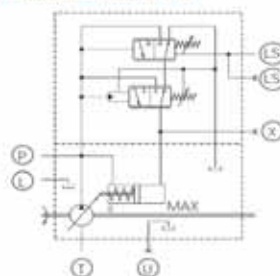
CAUTION: Before the pump is started, fill the case through the uppermost drain port with hydraulic fluid of the type to be used. The case of the pump must remain full at all times. The case drain line must be connected directly to the reservoir and terminate below the oil level.

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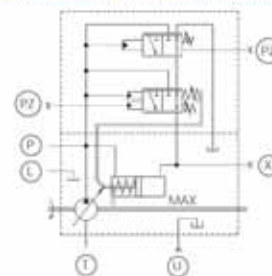
Regulating pump with LS-regulator and measure orifice (in valve)



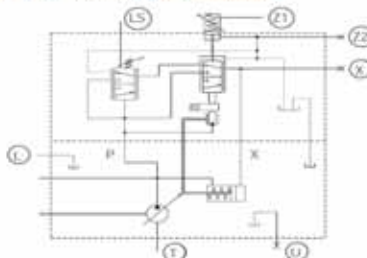
LP LS with Hydraulic Pressure Cut-off



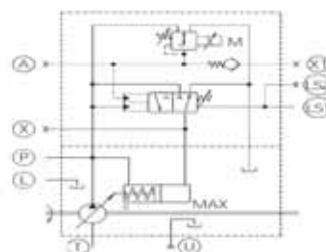
TL1 LS with Linear Approximated Power Limitation



TL2 LS with Hyperbolic Power Limitation



E1L LS with electric override



Pumps & Accessories



Single & Multiple Hydraulic Pumps • Variable Displacement
 Eaton Duraforce™ HPR Series Piston Pumps • To 158 GPM @ 1800 RPM



Eaton Duraforce™ HPR Self-regulating Pump for Open Loop Operation • For Mobile Applications

Catalog Part No.	Eaton Part No.	Eaton Model	Displacement & Pressure Rating	Flow at Rated RPM	Control	Mounting Flange	Shaft	Other Features	Wt.	Price Each
C1KX94	630AW00220A	HPR075L0S1DAA MAC0000000A	4.63 in ³ /rev 6092 PSI	52 GPM 2600 RPM	Load Sense with Hydraulic Pressure Cut-off (LP,LS)	2-Bolt SAE C	14T SAE C Splined	CCW Rotation, DIN 3852 ports, Compensator Setting (Adjustable), Load Sense Differential (Adjustable)	86.00	

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Pumps & Accessories

Single & Multiple Hydraulic Pumps • Variable Displacement
 Eaton Hydrokraft™ PVW Series Piston Pumps • To 238 GPM @ 1800 RPM



Eaton Hydrokraft™ Open Loop Piston Pumps High Pressure / High Flow Capability



Axial piston pumps with swash plate design for reliable operation and long life. Pressure up to 6000 PSI. Rated speed up to 1800 RPM. Higher speeds possible.

Features: • Oversize shafts and bearings. • Rotating and pressure loaded parts are pressure balanced. • Through drive enable multiple pump installations from a single shaft. Multiple pump combinations are also available. • Integrated pilot pump, filter and pressure relief valves available. • “Building block” design gives these pumps a wide range of application. • Fast response times.

Pressure Ratings: Inlet Pressure: minimum 14.5 PSIA, maximum 725 PSI. Maximum operating pressure: 6090 PSI. Maximum Case Pressure: 7.2 PSI over inlet pressure, 58 PSI absolute.

Speed Ratings: Minimum: 150 RPM; Maximum: Size 250 & 500: 1800 RPM; Size 360: 1500 RPM; Size 750: 1200 RPM.

Fluid Operating Temperature: Minimum: -13°F; Maximum: 194°F.

Hydraulic Fluid: Pumps in the catalog are primarily designed to operate with conventional petroleum based hydraulic oil. Alternative fluids and restrictions: • Fluid maintenance is critical to the durability of all hydraulic components, and particularly with hydraulic pumps. This becomes even more of a factor when alternative fluids are used. All types of alternative fluids require extensive maintenance in order to maintain proper levels of water content, acidity, viscosity and contamination.

Hydraulic Fluid Viscosity: Continuous operating range: Minimum: 10 cSt; Maximum: 75 cSt. Maximum permissible start viscosity: 1000 cSt.

Recommended Filtration: ISO 4406 18/15/13

CAUTION: Before the pump is started, fill the case through the uppermost drain port with hydraulic fluid of the type to be used. The case of the pump must remain full at all times. The case drain line must be connected directly to the reservoir and terminate below the oil level.

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Eaton Hydrokraft™ Open Loop Piston Pumps • High Pressure / High Flow Capability

Catalog Part No.	Eaton Part No.	Eaton Model	Displacement (in ³ /rev)	Flow GPM 1800 RPM	Control	Mounting Flange	Shaft	Rotation	Wt.	Price Each
C1JS47	HC806172001518	PVWS-250M07R00C1 R01SVVALR000A2011 500000017841310	15.3	119	Power Control with Pressure Limiter	ISO 3019/2-20 0B4HW	ISO Straight Key, 65 mm dia., 18 mm key	CW	467.00	



Pumps & Accessories

Double Hydraulic Pumps • Fixed Displacement
 Vickers V2010 & V2020 Series Vane Pumps • To 19.5/16.5 GPM @ 1800 RPM



Vickers® V2010 Double Vane Pumps For Industrial & Mobile Applications



Double pumps provide a single power source capable of serving two separate hydraulic circuits, resulting in a more compact, simple installation.

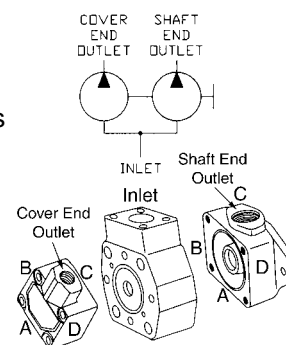
Features: Vickers balanced vane construction. Buna-N seals standard. Shaft rotation can be changed by changing the assembly of internal parts.

Ports: Inlet: 1-1/2 inch Code 61 Flange. Front Pump (Shaft End) Outlet: SAE-16 Straight Thread. Rear Pump (Cover End) Outlet: SAE-8 Straight Thread.

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**Pumps are stocked as shown in table.
 ANY outlet position and rotation is available for same-day shipment.**

Vickers® V2010 Double Vane Pumps • For Industrial & Mobile Applications

Catalog Part No.	Vickers Part No.	Vickers Model	Shaft	Mtg Flange	Displ Front Rear	Ring Size 1200 RPM Front Rear	Flow GPM 1800 RPM Front Rear	Port Loc Front Rear	Max PSI Front Rear	Max RPM	Rot.	Wt.	Price Each
C1KV37	721AR00033A	V2010-1F9S5S-1AD-12L-167	7/8 Keyed	2-Bolt SAE B	1.81 1.00	9/5	13.5/7.5	A/D	2500 2500	2800	CCW	30.55	
C1KV36	721AR00032A	V2010-1F7S3S-1CC-12L-167	7/8 Keyed	2-Bolt SAE B	1.39 0.60	7/3	10.5/4.5	C/C	2500 2500	3000	CCW	30.55	
C1KV38	721AR00034A	V2010-1F9S3S-1BA-12L-167	7/8 Keyed	2-Bolt SAE B	1.81 0.60	9/3	13.5/4.5	B/A	2500 2500	2800	CCW	30.55	
C1ZV47	02-465603-5	V2010-1F6S2S-11AA-12L	13 Tooth SAE B Splined	2-Bolt SAE B	1.19 0.40	6/2	9.0/3.0	A/A	2500 2500	3000	CCW	30.00	

Note: Flow: GPM @ 1800 RPM and 100 PSI. Displacement: Cubic inches per revolution. Max PSI & RPM based on using petroleum oil at 120°F and at 0 PSI inlet pressure. Min speed: 600 RPM.

Vickers® V2010 Double Vane Pumps • Replacement Parts List

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MJ80	357292	Inlet Body and Bushing Subassembly		
C1CC33	923471	Cartridge Kit, Cover End, Ring Size 01	1.31	
C1CC32	923470	Cartridge Kit, Cover End, Ring Size 02	1.33	
C1CC35	923496	Cartridge Kit, Cover End, Ring Size 03	1.30	
C1CC31	923469	Cartridge Kit, Cover End, Ring Size 04	1.82	
C1CC30	923468	Cartridge Kit, Cover End, Ring Size 05	1.79	
C1CC36	923497	Cartridge Kit, Cover End, Ring Size 06	2.23	
C1CC37	923498	Cartridge Kit, Cover End, Ring Size 07	2.20	
C1MG28	231042	Locating Pin, Cover End, Ring Sizes 01 thru 03		
C1MJ81	373795	Pressure Plate Subassembly, Cover End		
C1MH46	001277	Screw for bolting on Cover End, Ring Sizes 01 thru 03, (4) required	0.09	
C1MH83	108561	Screw	0.10	
C1AA63	001278	Screw for bolting on Cover End, Ring Sizes 06 & 07, (4) required	0.12	

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Pumps & Accessories

Double Hydraulic Pumps • Fixed Displacement
 Vickers V2010 & V2020 Series Vane Pumps • To 19.5/16.5 GPM @ 1800 RPM



Vickers® V2010 Double Vane Pumps • Replacement Parts List

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MJ30	295384	Screw for bolting Inlet Housing to Shaft End Body, Ring Sizes 11 thru 13		
C1CC39	923577	Seal Kit, Buna-N	0.09	
C1BD93	229236	Shaft Seal, Buna-N	0.04	
C1MJ79	351249	Shaft #3-Threaded and Keyed		
C1DU27	009955	Shaft Key, 3/16 x 1-1/4	0.01	

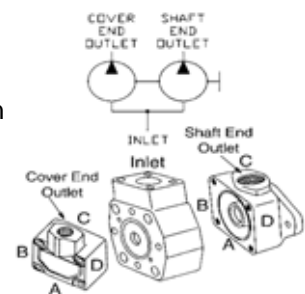
Vickers® V2020 Double Vane Pumps For Industrial & Mobile Applications



V2020 double pumps have capacities of 6 to 13 gpm and 6 to 11 gpm for their shaft-end and cover-end pumps, respectively.

Features: Vickers balanced vane construction. Buna-N seals are standard, Viton seals are available as an option. Shaft rotation can be changed by changing the assembly of internal parts.

Ports: Inlet: 2 inch Code 61 Flange. Front Pump (Shaft End) Outlet: SAE-12 Straight Thread. Rear Pump (Cover End Outlet: SAE-12 Straight Thread.



Application Information: page 579

Dimensions: page 580

Foot Brackets: page 201

Vickers® V2020 Double Vane Pumps • For Industrial & Mobile Applications

Catalog Part No.	Vickers Part No.	Vickers Model	Shaft	Mtg Flange	Displ Front Rear	Ring Size 1200 RPM Front Rear	Flow GPM 1800 RPM Front Rear	Port Loc Front Rear	Max PSI Front Rear	Max RPM	Rot.	Wt.	Price Each
C1KT95	02-143649-3	V2020-1F9S9S-11C C30-063	7/8 Straight keyed	2-bolt SAE B	1.81/1.81	09/09	13.5/13.5	CC	2500/2500	2800	CW	35.10	

Vickers® V2020 Double Vane Pumps • Replacement Parts List

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1MK24	850557	Cover, Outlet #2		
C1MH99	189378	Screw		
C1MH69	067464	Screw	0.09	
C1MH87	134249	Screw		
C1MH67	060226	Screw		
C1MH94	142713	Screw		
C1MK28	913529	Pressure Plate		
C1MK15	577701	Wave Washer		
C1MK14	513408	O-Ring		
C1JS74	002456	Pin	0.01	
C1AB97	016662	Pin	0.01	



Pumps & Accessories



Double Hydraulic Pumps • Fixed Displacement
Vickers V2010 & V2020 Series Vane Pumps • To 19.5/16.5 GPM @ 1800 RPM



Vickers® V2020 Double Vane Pumps • Replacement Parts List

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1AB97	016662	Pin	0.02	
C1JX48	179341	Pin	0.01	
C1MH48	007688	Pin	0.20	
C1MJ41	308681	Body, Inlet; includes 308934 bushing		
C1MH52	02-141747	Cartridge Kit, Cover End, Ring Size 05		
C1MH53	02-151998	Cartridge Kit, Cover End, Ring Size 06		
C1MH54	02-151999	Cartridge Kit, Cover End, Ring Size 07		
C1JT85	02-152000	Cartridge Kit, Cover End, Ring Size 08	3.61	
C1MH55	02-152001	Cartridge Kit, Cover End, Ring Size 09		
C1MH56	02-152002	Cartridge Kit, Cover End, Ring Size 10		
C1MH57	02-152003	Cartridge Kit, Cover End, Ring Size 11		
C1MH58	02-152004	Cartridge Kit, Cover End, Ring Size 12		
C1MH59	02-152005	Cartridge Kit, Cover End, Ring Size 13		
C1MH50	02-141745	Cartridge Kit, Shaft End, Ring Size 05		
C1MH51	02-141746	Cartridge Kit, Shaft End, Ring Size 06		
C1MH60	02-152006	Cartridge Kit, Shaft End, Ring Size 07		
C1MH61	02-152007	Cartridge Kit, Shaft End, Ring Size 08		
C1AD12	02-152008	Cartridge Kit, Shaft End, Ring Size 09	4.00	
C1MH62	02-152009	Cartridge Kit, Shaft End, Ring Size 10		
C1MH63	02-152010	Cartridge Kit, Shaft End, Ring Size 11		
C1EL34	02-152011	Cartridge Kit, Shaft End, Ring Size 12	5.00	
C1MH64	02-152012	Cartridge Kit, Shaft End, Ring Size 13		
C1MK29	913569	Pressure Plate		
C1MK22	849807	Wave Washer		
C1MJ19	200142	O-Ring		
C1MK23	850224	Body, Outlet #1, SAE B Flange Mount		
C1BD93	229236	Shaft Seal	0.04	
C1MK11	452556	Spacer		
C1MH96	160686	Retaining Ring		
C1AD75	082938	Bearing	0.50	
C1MJ42	308686	Shaft, #1, 3/4" Straight Keyed		
C1JY75	308926	Shaft, #11, 11T Spline Extended Length	1.10	
C1MK21	818132	Shaft, #38, 11T Spline, Short		
C1DU27	009955	Key for Shaft #1	0.01	
C1MH47	001617	Key for Shaft #3	0.02	
C1MH49	018755	Nut for Shaft #3		
C1MH93	140356	Retaining Ring		



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Pumps & Accessories

Double Hydraulic Pumps • Fixed Displacement • Miscellaneous

Miscellaneous Double Vane Pumps



Miscellaneous Double Vane Pumps

Catalog Part No.	Mfg. Part No. (Model No.)	Mfg. Name	Displ in ³ /rev Front Rear	Mount	Shaft	Ports	Rot.	Other Features	Wt.	Price Each
C1MJ97	428649-5 (2520VQ21A14-11AA20-LH)	Vickers	4.12 Front 2.80 Rear	2-Bolt SAE B	13T SAE B Splined	SAE 4-Bolt Flange, Inlet 2-1/2, Outlets 1 Front 3/4 Rear	CCW	No. 2 outlet 135° CCW from inlet	45.00	
C1MK16	596631-7 (2520VQ21C14 11CC20LH)	Vickers	4.12 Front 2.80 Rear	2-Bolt SAE B	13T SAE B Splined	SAE 4-Bolt Flange, Inlet 2-1/2, Outlets 1 Front 3/4 Rear	CCW	No. 2 outlet 45° CW from inlet	45.00	
C1HE65	02-137210-2 (2520V21A14-1BB22R)	Vickers	4.10 Front 2.80 Rear	2-Bolt SAE B	7/8 Straight Keyed	SAE 4-Bolt Flange, Inlet 2-1/2, Outlets 1 Front 3/4 Rear	CW	V Series Double Pump	46.97	
C1KK70	711-0251-032 (VMQ22525S045032A00200A AA)	Vickers	2.75 Front 1.96 Rear	2-Bolt SAE B	15T SAE-BB Splined	SAE 4-Bolt Flange, Inlet 3, Outlets 1 Front 1 Rear	CW	VMQ Series Double Pump	30.50	
C1KK72	712-0157-032 (VMQ23525S112071B00100A AADCANL00A032)	Vickers	6.83 Front 4.33 Rear	2-Bolt SAE C	1-1/4 Straight Keyed	SAE 4-Bolt Flange, Inlet 3, Outlets 1-1/4 Front 1 Rear	CCW	VMQ Series Double Pump	114.00	
C1KK71	712-0156-032 (VMQ23525S112071B00100A AABBANR00A032)	Vickers	6.83 Front 4.33 Rear	2-Bolt SAE C	1-1/4 Straight Keyed	SAE 4-Bolt Flange, Inlet 3, Outlets 1-1/4 Front 1 Rear	CW	VMQ Series Double Pump	126.00	
C1KK74	714-0066-032 (VMQ24535S140112B00100A AADCANL00A032)	Vickers	8.54 Front 6.83 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 4, Outlets 1-1/2 Front 1-1/4 Rear	CCW	VMQ Series Double Pump	90.00	
C1JM66	714-0081-032 (VMQ24535S215125B00100A AADCANL00A032)	Vickers	13.12 Front 7.63 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 4, Outlets 1-1/2 Front 1-1/4 Rear	CCW	VMQ Series Double Pump	90.00	
C1JM65	714-0080-032 (VMQ24535S215125B00100A AABBANR00A032)	Vickers	13.12 Front 7.63 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 4, Outlets 1-1/2 Front 1-1/4 Rear	CW	VMQ Series Double Pump	90.00	
C1MZ72	713-0091-032 (VMQ24525S240025B00100A AABBANR00A032)	Vickers	14.65 Front 1.58 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 3-1/2, Outlets 1-1/2 Front 1 Rear	CW	VMQ Series Double Pump		
C1KK73	713-0068-032 (VMQ24525S240080B00100A AABBANR00A032)	Vickers	14.65 Front 4.88 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 3-1/2, Outlets 1-1/2 Front 1 Rear	CW	VMQ Series Double Pump	90.00	
C1JD62	714-0067-032 (VMQ24535S140112B00100A AABBANR00A032)	Vickers	8.54 Front 6.83 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 4, Outlets 1-1/2 Front 1-1/4 Rear	CW	VMQ Series Double Pump	90.00	





Pumps & Accessories

Double Hydraulic Pumps • Fixed Displacement • Miscellaneous

Miscellaneous Double Vane Pumps

Catalog Part No.	Mfg. Part No. (Model No.)	Mfg. Name	Displ in ³ /rev Front Rear	Mount	Shaft	Ports	Rot.	Other Features	Wt.	Price Each
C1HH36	02-142081-F (4520VQH-60A8-86AD-20L)	Vickers	11.80 Front 1.67 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 3-1/2, Outlets 1-1/2 Front 3/4 Rear	CCW	VQH Series Double Pump	30.00	
C1HH35	02-142081-1 (4520VQH60A8-86AA20)	Vickers	11.80 Front 1.67 Rear	2-Bolt SAE C	1-1/2 Straight Keyed	SAE 4-Bolt Flange, Inlet 3-1/2, Outlets 1-1/2 Front 3/4 Rear	CW	VQH Series Double Pump	97.00	

Parts for Miscellaneous Double Fixed Vane Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1AA76	001705	VQ Series, Bearing for 2520VQ	0.31	
C1BP54	416427	VQ Series, Cartridge Kit Cover End for **20VQ**11, Ring Size 11	5.02	
C1CB87	920040	VQ Series, Seal Kit for 2520VQ, Std Single Seal, Buna-N	0.15	
C1DZ94	920056	VQ Series, Seal Kit for 3525VQ, Std Single Seal, Buna-N	0.17	
C1EU37	920072	VQ Series, Seal Kit for 4535VQ, Optional Double Seal, Buna-N	0.21	
C1BH19	254848	VQ Series, #11 13T SAE-B Splined Shaft for 2520VQ	1.41	
C1KF95	920048	VQ Series, Shaft Seal Kit, Single Shaft Seal, 3520VQ	0.17	
C1AK38	131812	V Series, Bearing for 45**V	1.02	
C1KF58	942356	V Series, Body Kit, 4520V	19.74	
C1CB93	922856	V Series, Seal Kit for 2520V17, Buna-N	0.11	
C1EG73	193144	V Series, Snap Ring for 3525V	0.02	

Miscellaneous Double Gear Pumps

Miscellaneous Double Gear Pumps

Catalog Part No.	Mfg. Model	Mfg. Name	Displ in ³ /rev Front Rear	Mount	Shaft	Ports	Rot.	Other Features	Wt.	Price Each
C1ZT99	26504-RBN (ACMAR049904AC010016000 0A00000B0B)	Eaton	0.66 Front 0.66 Rear	2-Bolt SAE A	3/4" Straight Keyed	SAE-20 Inlet SAE-10 Outlets	CW	Longer Slip-Fit Key	9.78	



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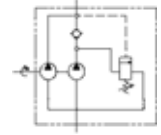
Pumps & Accessories

Double Hydraulic Pumps • Fixed Displacement • Miscellaneous

Two Stage High/Low Hydraulic Pumps "Log Splitter" Pumps



Features: Compact Design • Rugged Heavy Duty Cast Iron Construction
Pressure Rating: 3000 PSI Continuous
Speed Rating: 3600 RPM
Unloading Valve: Factory preset at 650 PSI, adjustable range 400 - 900 PSI.



Two Stage High/Low Hydraulic Pumps • "Log Splitter" Pumps

Catalog Part No.	Mfg. Model	Mfg. Name	Displ in ³ /rev Front Rear	Mount	Shaft	Ports	Rot.	Other Features	Wt.	Price Each
C1LW76	1300159	Concentric AB	0.194 0.517	4-bolt	1/2" Straight w/woodruff key	Inlet: 1" tube; Outlet: 1/2" NPTF	CW	Built in check valve and unloading valve	8.24	

Hydraulic Power & Control

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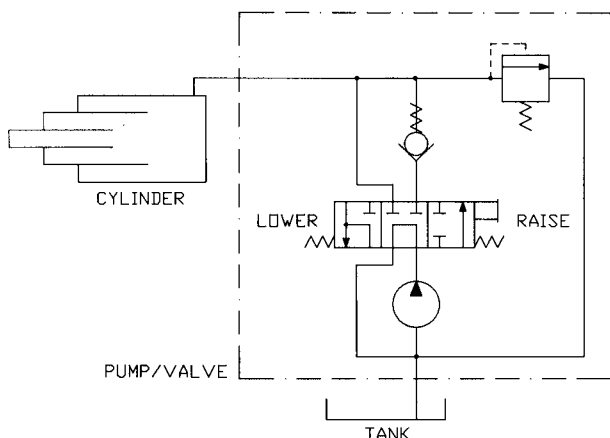
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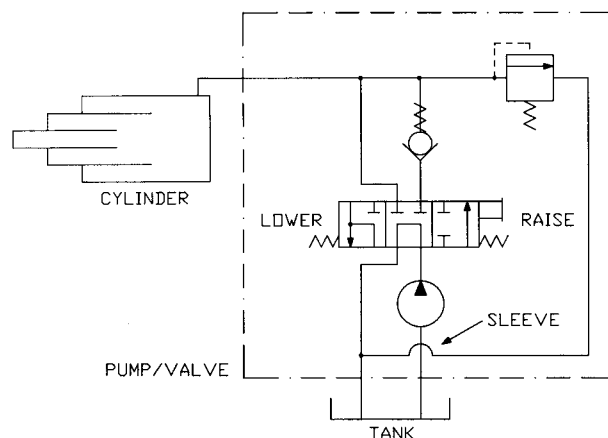
Pumps & Accessories

Dump Pumps Pump/Valve Assemblies For Dump Trucks & Trailers

Introduction to Dump Pumps



2-LINE OPERATION



3-LINE OPERATION

In applying the Permco Dump Pump, an understanding of the 2-Line and 3-Line circuits is essential for proper operation and maximum unit life.

2-Line Operation: In the 2-Line Operation, one line is connected from the oil tank to the inlet of the pump, and one line is connected from the cylinder port of the valve to the cylinder. With the pump engaged and the valve spool in the neutral position, oil will recirculate inside the unit. It has been determined through testing that the raise in temperature per every minute of operation in this mode is 7-1/2°F. If operation is allowed to continue beyond the recommended 5 minute time interval, a reduction in clearances of the rotating group due to excessive heat and subsequent expansion will occur. The result may lead to the unit locking up and premature failure of the drive shaft or other internal components.

3-Line Operation: In the 3-Line Operation, one line is connected from the oil tank to the inlet of the pump, one line is connected from the cylinder port of the valve to the cylinder and one line is connected from the pump's return port back to the oil tank. A metal sleeve is inserted into the inlet port of the valve which diverts flow back to tank from either the cylinder retracting or from the valve spool being in neutral. Heating of the oil is reduced with a 3-Line circuit, but is not eliminated. 10 minutes is the maximum recommended time to allow the pump to be engaged and the valve spool in neutral with a 3-Line circuit.

CAUTION: Operation with the 3-Line Sleeve installed in a 2-Line application is potentially hazardous.

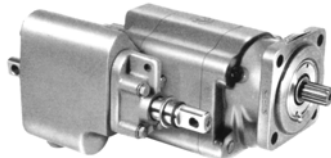
Shaft Seal Life: Like any control valve, there are inherent pressure drops within the dump pump due to internal core configurations. During cylinder retraction, fluid velocities may increase to a point that excessive back pressures may be seen at the pump shaft seal area. For this reason, Permco installs high pressure motor shaft seals in all dump pump units to prevent premature shaft seal failure. It is also suggested that movement of the valve spool from the neutral to the raise position in rapid succession be avoided as this may also contribute to the premature failure of the shaft seal.



Pumps & Accessories

Dump Pumps Pump/Valve Assemblies For Dump Trucks & Trailers

Permco DM400 Series Dump Pumps For Light & Medium Duty Dump Trucks



Direct Mount



Remote Mount

Features: Rugged cast iron, roller bearing pump construction. High strength alloy steel gear and shaft set. Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges. 100% factory tested. 1-1/4 NPT inlet port, 3/4 NPT pressure port, 3/4 NPT return port (for 3rd line). Built in direct acting relief valve set at factory provides protection to both the pump and to the cylinder. Manual Shift standard. Built-in load check. Neutral Lockout device preventing accidental lowering of the dump body.

Application: See Introduction To Dump Pumps at the beginning of this section for details on 2-Line and 3-Line Operation.

Pressure Limit: 2500 PSI.

Rated Speed: 2400 RPM.

Maximum System Temperature: Under normal conditions of continuous operation, not to exceed 150°F. Never to exceed 185°F.

Note: Ratings based on using anti wear hydraulic fluid. For information on use with other fluids, contact us for assistance.

Recommended Filtration: 25 micron return filter with B10 rating of at least 2.2.

Dimensions: page 594

Permco DM400 Series Dump Pumps • For Light & Medium Duty Dump Trucks

Catalog Part No.	Permco Model	Mount	Displacement PressureRating Max Speed	Flow GPM 1800 RPM	Circuit Type	Remote Mount Valve Location	Direct Mount Rotation	Relief Setting (PSI)	Other Features	Wt.	Price Each
C1CN69	DMD-400-20-ZL-200	Direct	4.000 in ³ /rev 2500 PSI 2400 RPM	21.5	3-Line	--	CCW	2000	Replaces Commercial G102-2-20L	40.08	
•C1CN70	DMR40020ZL200	Remote	4.000 in ³ /rev 2500 PSI 2400 RPM	21.5	3-Line	Left Side	--	2000	Replaces Commercial G101-2-20	30.00	

Note: To convert a 3-Line model for use in a 2-Line circuit, remove the metal sleeve in the inlet port of the valve, and install a 3/4 NPT plug in the return port.

Pumps & Accessories

Dump Pumps Pump/Valve Assemblies For Dump Trucks & Trailers

Permco DMD/DM640 Series Dump Pumps For Medium & Heavy Duty Dump Trucks



REMOTE MOUNT



DIRECT MOUNT

Features: Rugged cast iron, roller bearing pump construction. High strength alloy steel gear and shaft set. Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges. 100% factory tested. 1-1/4 NPT inlet port, 3/4 NPT pressure port, 3/4 NPT return port (for 3rd line). Built in direct acting relief valve set at factory provides protection to both the pump and to the cylinder. Manual Shift standard. Built-in load check. Neutral Lockout safety cap for use with pull-out cable. 2 extra long studs for easy installation of pump support bracket on Direct Mount models.

Application: See Introduction To Dump Pumps at the beginning of this section for details on 2-Line and 3-Line Operation.

Pressure Limit: 2500 PSI.

Rated Speed: 2400 RPM.

Maximum System Temperature: Under normal conditions of continuous operation, not to exceed 150°F. Never to exceed 185°F.

Note: Ratings based on using anti wear hydraulic fluid. For information on use with other fluids, contact us for assistance.

Recommended Filtration: 25 micron return filter with B10 rating of at least 2.2.

Dimensions: page 595

Permco DMD/DM640 Series Dump Pumps • For Medium & Heavy Duty Dump Trucks

Catalog Part No.	Permco Model	Mtg. Style	Displacement Pressure Rating Max Speed	Flow GPM 1800 RPM	Circuit Type	Remote Mount Valve Location	Direct Mount Rotation	Relief Setting (PSI)	Other Features	Wt.	Price Each
C1CN68	DMD-25-Z-L-MS-20	Direct	6.400 in ³ /rev 2500 PSI 2400 RPM	46.0	3-Line	--	CCW	2000	Replaces Commercial C102D251	63.00	
C1CN66	DM-640-25-ZR-M-T-200	Remote	6.400 in ³ /rev 2500 PSI 2400 RPM	46.0	3-Line	Right Side	--	2000	Replaces Commercial C101D25		

Note: To convert a 3-Line model for use in a 2-Line circuit, remove the metal sleeve in the inlet port of the valve, and install a 3/4 NPT plug in the return port.

Refuse Pump System Permco Versa-Pak Refuse Pump System



Permco Versa-Pak Refuse Pump System



The Versa-Pak Refuse Pump System is available in two configurations.

Dry Valve System: The Versa-Pak Valve in a Dry Valve System functions as a pressure compensated flow control.

This limits flow to the hydraulic system allowing a preset amount to the system with the excess flow being returned to the tank at low pressure. This reduces repairs and downtime associated with overspeeding and overpressurizing the hydraulic system. The Dry Valve eliminates heat build-up in the hydraulic system associated with large flows when the system is not in use (Operator controls with switch or air valve).

Unloader System: The Versa-Pak Valve in an Unloader System functions as a pressure compensated flow control and an unloader. The unloader diverts 100% of the flow back to tank at extremely low pressure when the hydraulic system is not required (Operator controls with switch).

Versa-Pak Pump Features: 25% longer idler gear bearings to reduce shaft deflection and extend life. Sealed outboard bearing with protective shield to keep out contamination. Dowel pin construction. Solid one-piece gear and shaft set. Bleed valve built into rear cover (Dry Valve models).

Versa-Pak Valve Features: Tamper-resistant flow regulation.

Dry Valves: Easily operated by a dash mounted electric over air switch or manual air valve. Includes breather vent, tubing and fittings.

Note: Please contact us for application assistance with the Versa-Pak System.



Catalog Part No.	Permco Model	Description	Wt.	Price Each
•C1KN74	VP42-4COFLFC55	Versa-Pak Pump, Flow Control Valve set at 55 GPM. 42 GPM @ 1200 RPM, 9.099 cu.in. per rev displacement, 4-Bolt SAE-C Mounting Flange, 1-1/4" Keyed Shaft, CCW Rot	50.00	
•C1DR58	VP42-4COFLDV	Versa-Pak Pump, Dry Valve Function. 42 GPM @ 1200 RPM, 9.099 cu.in. per rev displacement, 4-Bolt SAE-C Mounting Flange, 1-1/4" Keyed Shaft, CCW Rot	50.00	
C1CC88	999-00948	Solenoid, Unloader Function.	0.55	

Pumps & Accessories

Hand Pumps

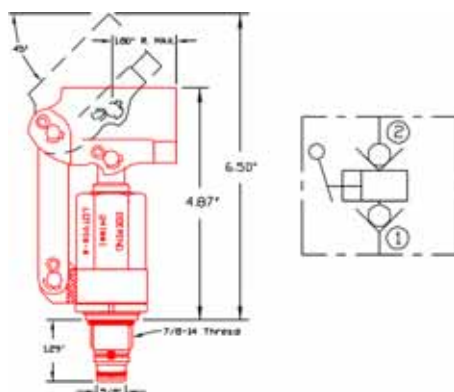
Doering Series 241 Cartridge Hand Pumps



Cavity Required: C-10-2.

Installation: Lubricate seals, using 1-1/4 wrench torque to approximately 50 foot pounds. Socket may be rotated 360° for handle positioning.

Performance and Operation: Maximum Operating Pressure: 5000 psi; Maximum Handle Torque: 80 ft.-lbs.; Displacement: 0.601 cu. in. per stroke.



Doering Series 241 Cartridge Hand Pumps

Catalog Part No.	Doering Model	Description	Wt.	Price Each
C1LB24	241871-S	Hand Pump, Push style, Stainless steel with Electroless Nickel plated carbon steel socket and collar	1.91	
C1MJ24	241009-LG	9 inch Handle for 241 Series Pumps		
C1EN21	241016	16 inch Handle, Zinc Plated Steel, for 241 Series Pumps	2.50	

Air-Operated Diaphragm Pumps



Air-Operated Diaphragm Pumps

Aro® Air-Operated Diaphragm pumps offer several performance advantages over other pump types in fluid transfer applications. (1) When you close the fluid outlet, the pump stops. No movement, no wear, no overload, no heat buildup, no power consumption. (2) Variable flow rates are achieved by simply adjusting air pressure to the pump or by restricting the discharge line. (3) Positive priming provides easy start-ups. Internal fluid check valves are located close to the diaphragm chambers, assuring positive self-priming, even from a dry start. (4) Pumping efficiency remains constant since there are no rotors, gears, vanes or pistons to wear out. (5) Runs dry without damage. (6) No foaming or shearing of material. Process fluids enter and exit unchanged. (7) No lubrication is required so there is less maintenance. (8) Pumps are lightweight and portable and can be carried from job to job with ease.

Features: Patented "Unbalanced" air valve design ensures pump will always resume pumping action when called on. Bolted construction for an improved seal and safer fluid handling. No rotating or sliding seals to leak or fail.

Dimensions & Performance Curves: page 614

1/4 Inch Ports • 5.3 GPM Capability Non-Metallic Wetted Parts



Maximum Flow Rate: 5.3 GPM.

Displacement: 0.019 Gallons per Cycle.

Maximum Operating Pressure: 125 PSI

Suspended Solids Capability: 1/16" maximum diameter solids

Fluid Ports: Hybrid 1/4" NPT/BSP

Air Inlet: Hybrid 1/4" NPT/BSP

Recommended Filter/Regulator: page 794

1/4 Inch Ports • 5.3 GPM Capability • Non-Metallic Wetted Parts

Catalog Part No.	Aro® Model	Center Section	Port	Wetted End	Seat Material	Ball / Diaphragm	Wt.	Price Each
C1MM73	PD01P-HPS-PAA-A	Polypropylene	Hybrid 1/4" NPT/BSP	Polypropylene	Polypropylene	Santoprene	3.78	
C1ML48	PD01P-HPS-PTT-A	Polypropylene	Hybrid 1/4" NPT/BSP	Polypropylene	Polypropylene	PTFE	3.78	

Pumps & Accessories

Air-Operated Diaphragm Pumps



1/2 Inch Ports • 13 GPM Capability Non-Metallic Wetted Parts



Maximum Flow Rate: 13 GPM.
Displacement: 0.04 Gallons per Cycle.
Maximum Operating Pressure: 100 PSI.
Suspended Solids Capability: 3/32 inch diameter.
Maximum Dry Suction Lift: 10 ft. (Teflon® fitted).
Fluid Ports: 1/2 NPT Inlet. 1/2 NPT Outlet.
Air Inlet: 1/4 NPT.
Recommended Filter/Regulator: page 794

1/2 Inch Ports • 13 GPM Capability • Non-Metallic Wetted Parts

Catalog Part No.	Aro® Model	Air Motor	Wetted Parts	Check Valve Seats	Ball Check / Diaphragm	Other Features	Wt.	Price Each
C1BX83	66605J-311	Polypropylene	Polypropylene	Polypropylene	Neoprene / Neoprene	Single Piece Manifold	9.00	
•C1BX79	666053-322	Polypropylene	Polypropylene	Polypropylene	Nitrile / Nitrile		9.24	

Service Kits & Parts for Aro® 1/2 Inch Diaphragm Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1BW94	637140-11	Service Kit, Diaphragm Material, Neoprene	0.32	

Air-Operated Diaphragm Pumps



1 Inch Ports • 35 GPM Capability Metallic Wetted Parts



Maximum Flow Rate: 35 GPM.
Displacement: 0.16 Gallons per Cycle.
Maximum Operating Pressure: 120 PSI.
Suspended Solids Capability: 1/8 inch diameter.
Maximum Dry Suction Lift: 20 ft. (Rubber fitted).
Fluid Ports: 1 inch NPT Inlet. 1 inch NPT Outlet.
Air Inlet: 1/4 NPT.
Recommended Filter/Regulator: page 794

1 Inch Ports • 35 GPM Capability • Metallic Wetted Parts

Catalog Part No.	Aro® Model	Air Motor	Wetted Parts	Check Valve Seats	Ball Check / Diaphragm	Other Features	Wt.	Price Each
•C1BX87	666100-362-C	Aluminum	Aluminum	Polypropylene	Acetal / Buna-N		20.18	

Service Kits & Parts for Aro® 1 inch Metallic Diaphragm Pumps

Catalog Part No.	Part Number	Description	Wt.	Price Each
C1CB70	90532-6	Ball, Acetal	0.10	
C1CB72	90533-2	Diaphragm, Buna-N	0.50	
C1DT74	Y325-126	O-Ring, Nitrile, 3/32 x 1-9/16 OD	0.01	
•C1BW93	637119-62-C	Service Kit, Diaphragm Material, Buna-N	0.93	

Pumps & Accessories

Centrifugal Pumps



Centrifugal Pumps for Agricultural Spraying



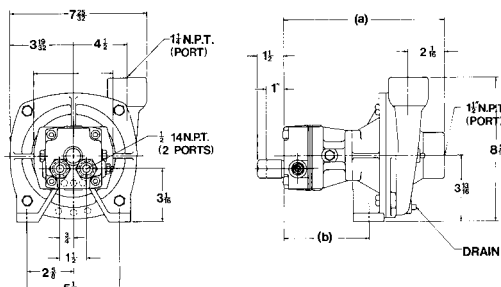
Hypro® centrifugal pumps are ruggedly built for reliability in higher capacity spraying systems. They handle a broad spectrum of spraying solutions from liquid fertilizers to ag chemicals to wettable powders. Housings are available in cast iron and polypropylene (Polypropylene pumps are light weight and provide maximum resistance to corrosive chemicals and acid fertilizers). Impellers are balanced for smooth operation and are precision molded of tough plastic for excellent corrosion resistance.

Hypro® 9300C Series Hydraulic Motor Driven Centrifugal Pumps To 114 GPM / 180 PSI



Ratings: 82-190 GPM Max. Flow, 130-180 PSI Max. Pressure, 140°F Max. Fluid Temperature.

Features: Hydraulic motor drive (for open and closed center systems). 9302 Model Ports: 1-1/4 NPT Inlet, 1 NPT Outlet. 9303C Model Ports: 1-1/2 NPT inlet, 1-1/4 NPT outlet. 9304C Model Ports: 2 NPT inlet, 1-1/2 NPT outlet. Hydraulic Motor Ports: 1/2 NPT Cast iron pump housing. Viton®/Ceramic pump shaft seals standard (Buna-N/Ceramic and Viton®/Silicon Carbide available). Double lip Teflon® hydraulic motor shaft seal.



Hypro® 9300C Series Hydraulic Motor Driven Centrifugal Pumps • To 114 GPM / 180 PSI

Catalog Part No.	Hypro Model	Hydraulic System Type	Hydraulic Motor Capacity	Seals	Performance At Hydraulic Motor Capacity	Wt.	Price Each
C1ZT55	9303C-HM1C	Open & Closed Center	13 GPM 2000 PSI	Viton®/Ceramic	123GPM 10PSI 110GPM 20PSI 109GPM 30PSI 107GPM 40PSI 105GPM 50PSI 104GPM 60PSI 102GPM 70PSI 96GPM 80PSI 85GPM 90PSI 76GPM 100PSI 63GPM 110PSI 33GPM 120PSI 13GPM 130PSI	26.10	

Hydraulic Power & Control

Pneumatic Power & Control

Fluid Conveying

Miscellaneous Products

Indexes & Technical Information

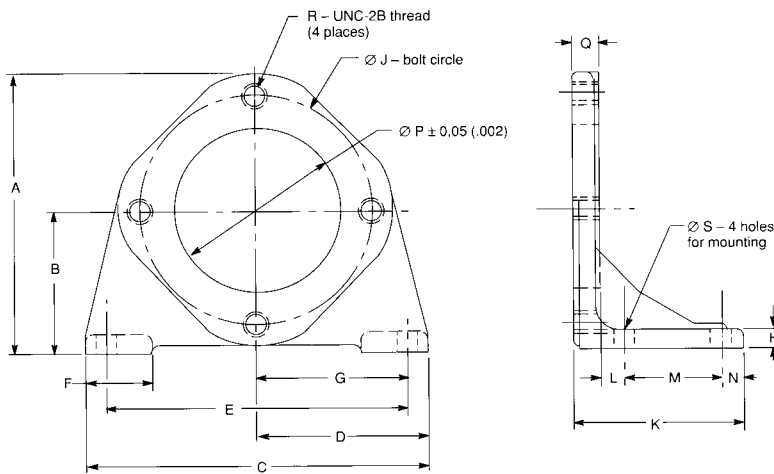
Pump Accessories Foot Brackets

Vickers® Foot Brackets (Cast Iron)

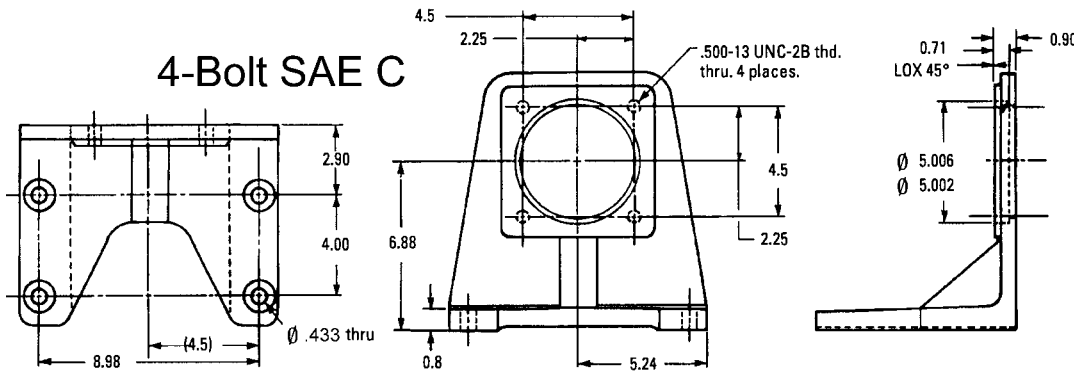


Features: Can be used to mount pumps or motors having standard SAE-J 744 2-Bolt mounting flanges. Either pair of diametrically opposed holes may be used. Bolts are included.

Material: Cast Iron.



2-Bolt
Brackets



Vickers® Foot Brackets (Cast Iron)

Catalog Part No.	Vickers Part No.	Vickers Model	Size	Dimensions (inches)	Wt.	Price Each
•C1BP87	422582	FB-A-10	2-Bolt SAE A	A=5.31 B=2.75 C=6.00 D=3.00 E=5.00 F=1.44 G=2.50 H=.50 J=4.19 K=3.78 L=.59 M=2.00 N=.50 P=3.253 Q=.69 R=3/8-16 S=.44	4.20	
•C1BP88	422583	FB-B-10	2-Bolt SAE B	A=7.12 B=3.63 C=6.75 D=3.38 E=5.75 F=1.44 G=2.88 H=.50 J=5.75 K=3.77 L=.59 M=2.00 N=.50 P=4.003 Q=.68 R=1/2-13 S=.68	5.94	

Pumps & Accessories

Water Pump Accessories Foot Valves, Strainers, Skimmers

Foot Valves, Strainers and Skimmers



Foot Valve
(Threaded)

Round Hole
Strainer

Square Hole
Strainer

Top Skimmer

Bottom Skimmer

Foot Valves, Strainers and Skimmers

Catalog Part No.	Model	Type	Size (in)	Description	Mfg. Name	Wt.	Price Each
•C1FJ25	DFVS35	Foot Valve	3	Threaded Type, Painted	Dixon	8.08	
•C1GA20	RHS200	Round Hole Strainer	2	Zinc Plated Steel, Straight Pipe Threads (NPSM)	Kuriyama	1.78	
•C1DK11	RHS-35	Round Hole Strainer	3	Zinc Plated Steel, Pipe Threads (NPT)	Dixon	2.00	
•C1GA22	RHS300	Round Hole Strainer	3	Zinc Plated Steel, Straight Pipe Threads (NPSM)	Kuriyama	3.08	
•C1GA23	RHS400	Round Hole Strainer	4	Zinc Plated Steel, Straight Pipe Threads (NPSM)	Kuriyama	2.90	
•C1GA24	RHS600	Round Hole Strainer	6	Zinc Plated Steel, Straight Pipe Threads (NPSM)	Kuriyama	6.04	

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