

BE BUMPING  
PARTNERS

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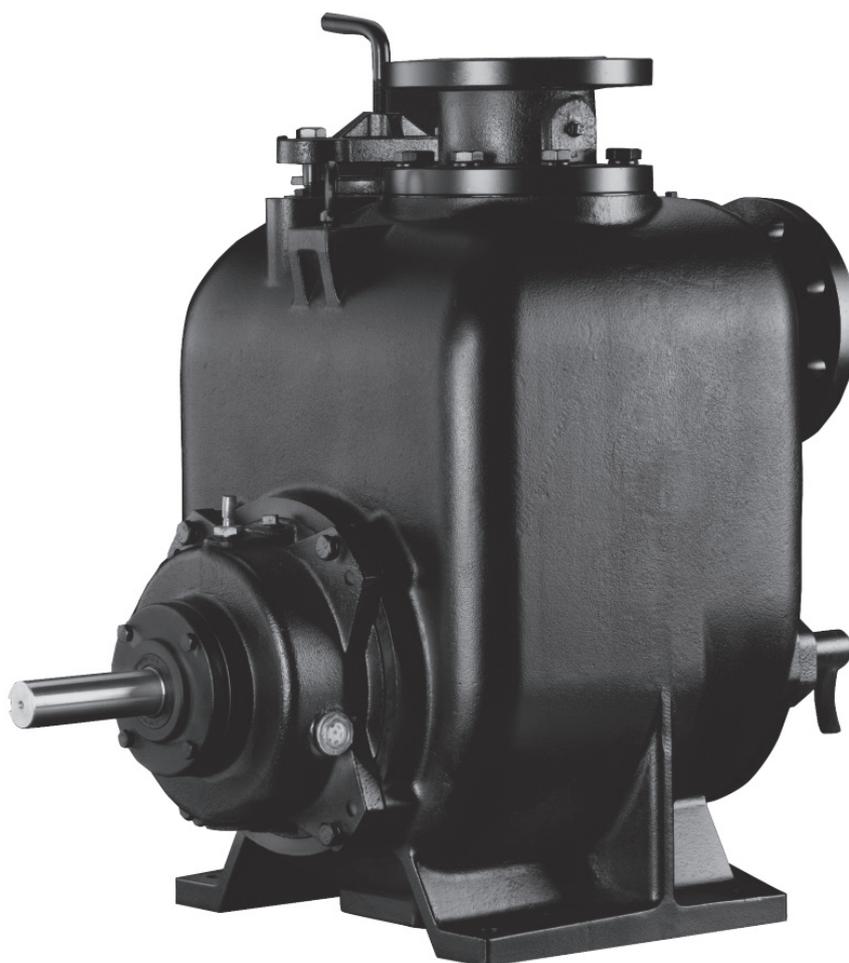
# WPF/WPX

## WDROO Series

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Non-clogging  
self-priming  
sewage pump  
50Hz

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hydroo®

HYDROO is present in all the European markets by means of a distribution network focused on the service and the valuation of the pumping business. HYDROO conceives, researches, develops, designs, industrializes, and manufactures a wide range of pumping solutions for the most demanding applications in industrial markets, irrigation, water supply and water treatment as well as in residential and commercial buildings. The values of operational excellence, experience, reliability, and passion for a well-done job guide the daily work of the Hydroo team together with our partners and distributors. The global challenges of water management require excellence in pumping technologies and a joint effort between designers, manufacturers, and pumping engineers. To meet the needs of the market in the more demanding installations Hydroo is firmly committed to manufacturing the best pumping equipment on the market following and sharing our values worldwide.

The Hydroo values are presented in 5 great concepts that we summarize in our motto Hy5, which are our principles and commitments:

# BE PUMPING PARTNERS



Pirineu del Pallars  
(Pallars Sobirà county, Catalonia)

The great attraction of this region is due to its abundant natural heritage which has painted the landscape with lush green vegetation enhanced with a great legacy of ancient monuments.

**Coordinates:**  
Longitude: 0.8041500  
Latitude: 42.5036800



## hymotion

Value proposal based on the reliability of products enhancing the quality, the development of efficient supply chains, the productivity with the love of craftsmen at every step of the manufacturing and production lines. We move with the commitment to improve pumping systems, make them more efficient, more reliable, more digitized, more at the service of the human development.



## hylite

Contribution to preservation of the environment and to sustainability. We reduce the environmental impact and footprint of carbon. We contribute to the development of the circular economy. Our team stand out for the highest standards of energy efficiency.



## hyficient

The use of the most advanced analytical, development and simulation tools allows us to optimize our R&D teamwork results. We maximize the study of materials, efficient hydraulics, mechanical improvements and the optimization of our motors up to 200 kW. The results are robust, reliable, flexible, adjustable, multipurpose, and user-friendly pumping equipment.



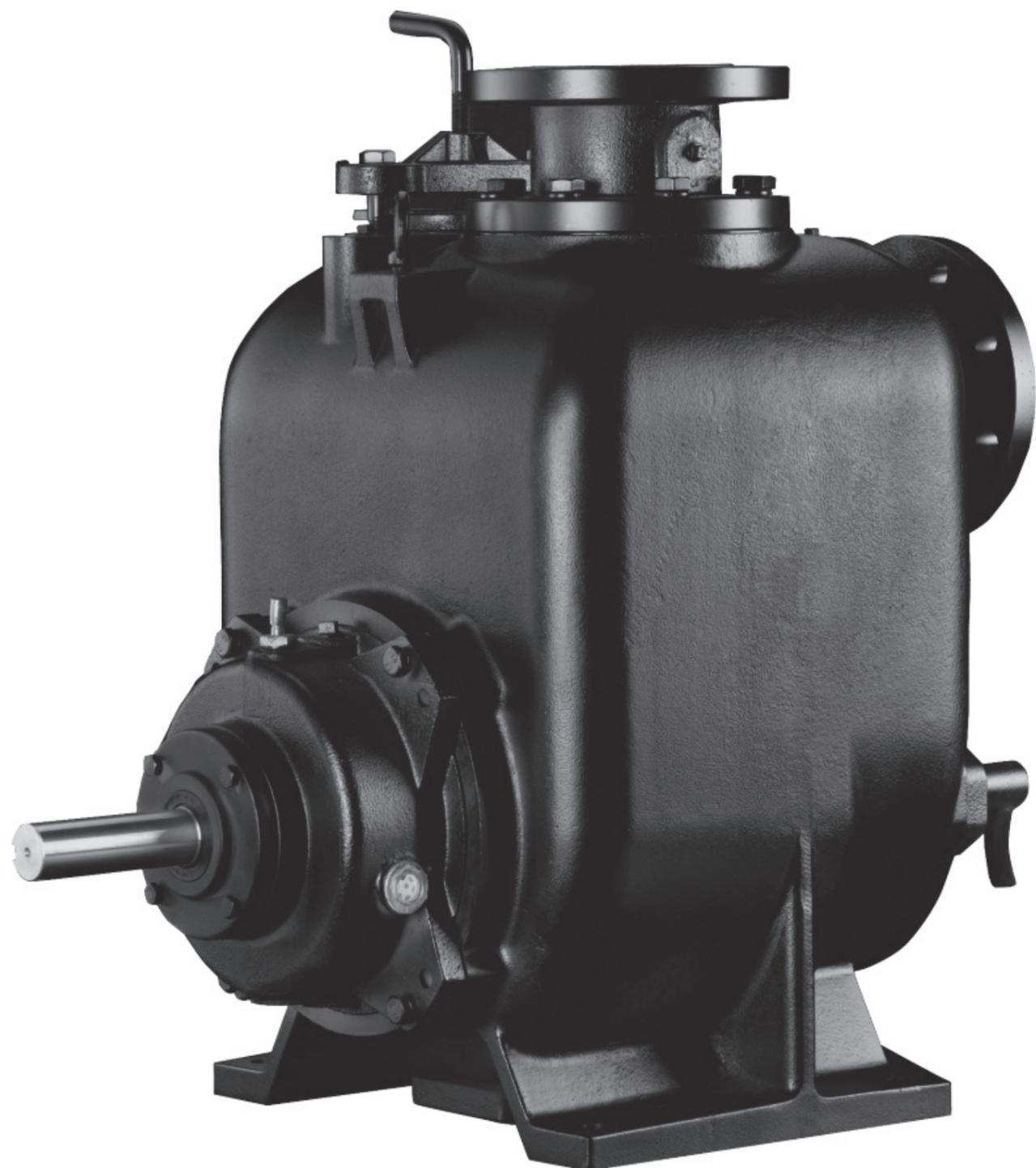
## hynovative

Commitment to implementation of the innovation process as strategic pillar of the company. Transfer new ideas to realities that evolve pumping industry and internalize the process in each job position to offer market improvements.



## hyliance

We are the factory of our customers. Without solution of continuity between the value chain starting in the components production plants and ending with amortization of the pumping equipment operating at full performance for years and giving satisfaction to distributors, project engineers and pumping systems managers. We make real our catchphrase **Be Pumping Partners**.



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# WPF WPX

## Non-clogging self-priming sewage pump

### Description

Back-pull-out construction convenient for maintenance and trouble shooting.

Daily maintenance can be performed rapidly by common head tools, saving time and labor.

Stable performance, reliable operation.

### Performance range

**Flow range: up to 700 m<sup>3</sup>/h**

**Head: up to 35 m**

**Temperature: up to 40 °C**

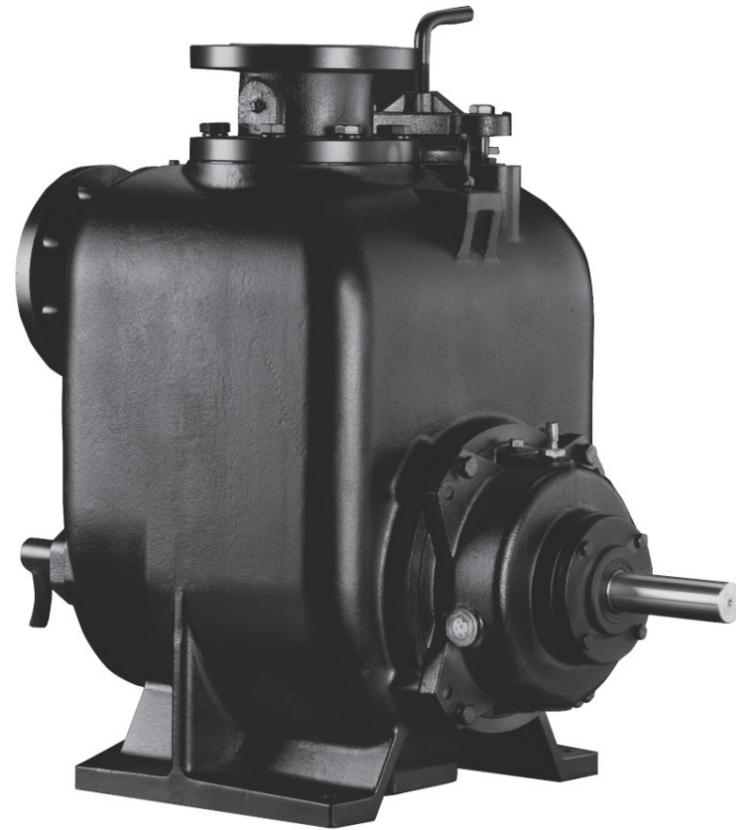
**Power: up to 75 kW**

### Standard material

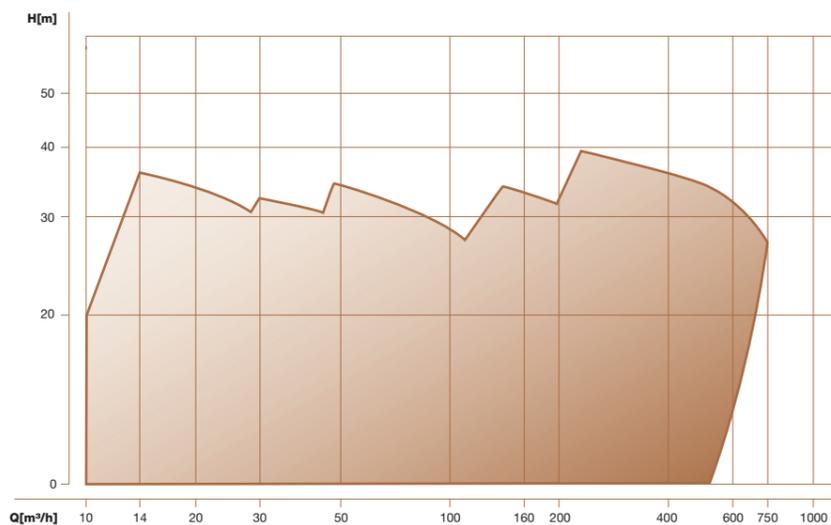
Pump casing is made of cast iron or ductile cast iron, impeller can be cast iron or stainless steel.

### Applications

- Rain water and common sewage
- Industrial sewage water
- Wine and sugar industry
- Sewage water in the city



### Performance scope - 50 Hz



### Technical specifications

Back-pullout design: convenient for maintenance and troubleshooting of suction systems.

Monobloc versions available from DN25 to DN100.

Daily maintenance is quick and easy with common tools, saving time and money.

Semi-open impeller and anti-blocking design with significant solids passage.

The maximum solids passage diameter is 76 mm.

Operating temperature up to 40 °C.

### Features

WP Non-clogging self-priming sewage pump is our latest developed product, and is suitable for the treatment project of municipal sewage and industrial sewage as well as stage treatment and concentrated treatment system of various sewages. It's known as "King of Self-priming Sewage Pump", and it is the most ideal new-generation sewage product.

– Stable performance, reliable operation.

– Rapid self-priming, high suction head.

– Back-pull-out construction: Convenient for maintenance and troubleshooting. Daily maintenance can be performed rapidly by common tools, saving time and labor.

– Semi-open impeller structure and non-clogging design: Strong passing ca-pacity. Diameter of maximum passing grain for WP-6 is 76 mm.

– Convenient usage: The pump can be mounted near cesspit, with only the suction pipe down in the liquid.(The pump shall be filled with water for first start).

### Application

– Non-flammable and non-explosive liquid.

– Rain water and common sewage.

– Municipal drainage project, construction site, drainage station of people's air defense system.

– Industrial sewage of light industry, paper mill, textile, food processing plant, chemical industry, electric utility, mines, etc.

– Sewage discharge in the residential area.

– Sewage and deposit of water purifying system.

– Tanning industry, sewage of slaughter house, fish breeding in the river and pond.

– Wine and sugar industry.

– Discharge not strongly corrosive but seriously polluted sewage.

### Operating limits

– Liquid temperature: 0~40 °C, medium density  $\leq 1.2 \times 10^3$  kg/m<sup>3</sup>, pH5~9.

– Volume ratio of solids in the medium  $\leq 2\%$ .

– Diameter of maximum grain: WP-2 38mm, WP-3 63mm, WP-4/WP-6/WP-8/ WP-10 76mm.

– Ambient temperature:  $\leq 40$  °C.

– Altitude: Max. 1,000m.

– Flow range: 10m<sup>3</sup>/h~750m<sup>3</sup>/h.

– Head range: 3m~38m.

– Power: 1.1 kW~90kW.

– Max. Working pressure: See Performance Curve.

– Max. Suction head: See Performance Table.

– Insulation class: F.

– Standard voltage:  
1 x 220V  
3 x 380V/3 x 220V

### Installation conditions

– Suction pipe can be soft pipe or hard pipe, the material of pipes shall be suitable for the pumped liquid. Soft pipe shall be hard enough to prevent from flat when suction.

– Suction pipe shall be short and straight, use less joints and accessories as less as possible. For joints, the radius shall be bigger.

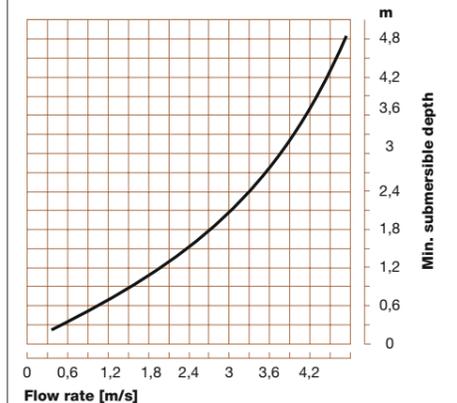
– The distance between the submersible suction pipe in the sump and the wall of the sump shall be 1.5 times than the radius of the pipe. Suction pipe shall not installed in the sump near the whirlpool. If there is, there shall be one baffle between suction pipe and water. The distance shall be 1.5times than the radius of the pipe.

– If there are two suction in the sump, the pipe distance shall be three times than the radius of the pipe.

– Submersible depth of the submersible suction pipe:  
The submersible depth of the suction pipe relates to the flow rate in the pipe. See drawing one  
To reduce the submersible depth, we can enlarge the pipe radius or reduce the flow rate of the water. We can use increasing joint to enlarge the radius pipe. The suggested times is 1.3 times to 1.5 times.

– In flooded status, there is inlet pressure. It shall not exceed 50% of the max. working pressure.

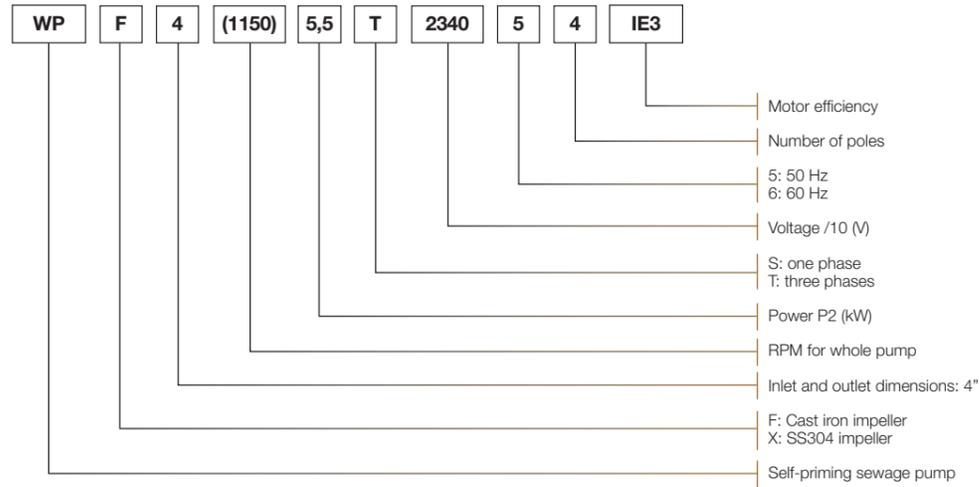
– If use the strainer, the face area of the strainer shall be 4 to 6 times than the radius of the pipe. And ensure the max. dia. of the strainer hole to pass granules shall be less than the granule pump allowed.



$$\text{Flow rate (m/s)} = \frac{\text{Flow (m}^3\text{/h)}}{\text{Section surface of the pipe (m}^2\text{)}}$$

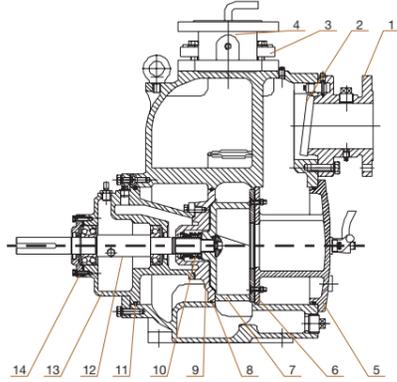
Suggested suction pipe submersible depth vs flow rate

## Definition of model

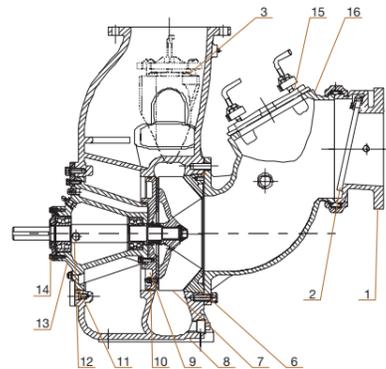


## Section drawing

WP 2, 3, 4, 6, 8



WP 10

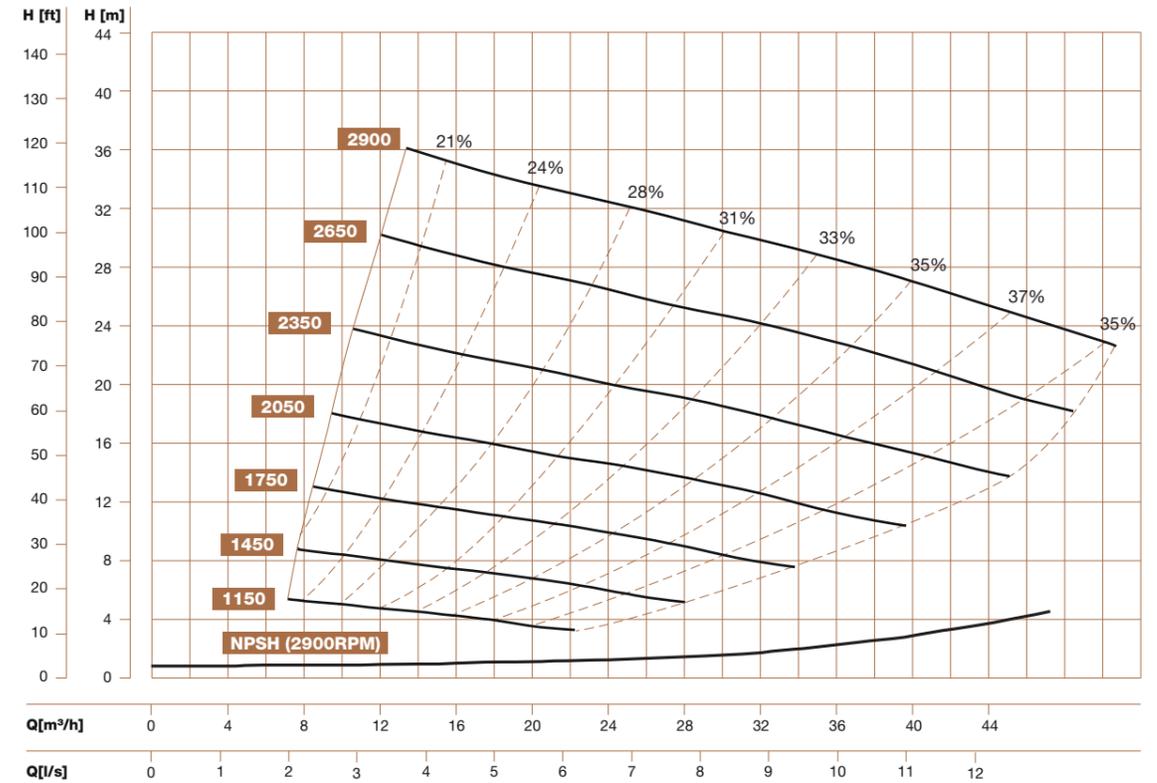


## Material

N°	Parts	Material
1	Suction Inlet	Cast iron
2	Flap Valve	NBR + Carbon steel
3	Infusion Cover	Cast iron
4	Discharge Outlet	Cast iron
5	End Cover	Cast iron
6	Wear Plate	Carbon steel
7	Impeller	DCI Cast steel
8	Volute	Cast iron
9	Impeller Cover	Cast iron
10	Mechanical Seal	WC/ WC
11	O-Ring	NBR/FPM
12	Shaft	Stainless steel
13	Bearing Body	Cast iron
14	Bearing Cover	Cast Iron
15	Inlet cover	Cast iron
16	Inlet	Cast iron

# WP 2

## Performance curve



## Performance table

Model	RPM	Q		H (m)	Motor		Inlet & Outlet  50 (2')	Max. Solids  mm 38	Max. Suction Head  m 5,0
		m³/h	l/s		kW	HP			
WP-2	1150	15	4.2	4.0	1,1	1,5			
	1450*	20	5.6	6.5	1,5	2			
	1750	25	6.9	9.5	3	4			
	2050	28	7.8	13.5	4	5,5			
	2350	32	8.9	18.0	7,5	10			
	2650	35	9.7	23.0	7,5	10			
2900*	40	11.1	27.0	9,2	12,5				

## Operating table

Model	RPM	Q m³/h	10	12,5	15	17,5	20	25	30	35	40	45
			WP-2	1150	mca	5.1	4.7	4.0	3.8	3.5		
	1450*	8.4	8.1	7.6		7.3	6.5	5.8				
	1750	12.6	12.2	11.8		11.3	10.8	9.5	8.5			
	2050	17.9	17.2	16.7		16.1	15.5	14.5	13.2	11.6		
	2350		23.2	22.5		21.8	21.2	19.9	18.6	17.2	15.3	
	2650		30.1	29.2		28.4	27.6	26.2	24.8	23.0	21.6	19.4
	2900*			35.6		34.5	33.7	32.1	30.4	29	27.0	25.3

Note: (Suit for WP 2, 3, 4, 6, 8, 10)

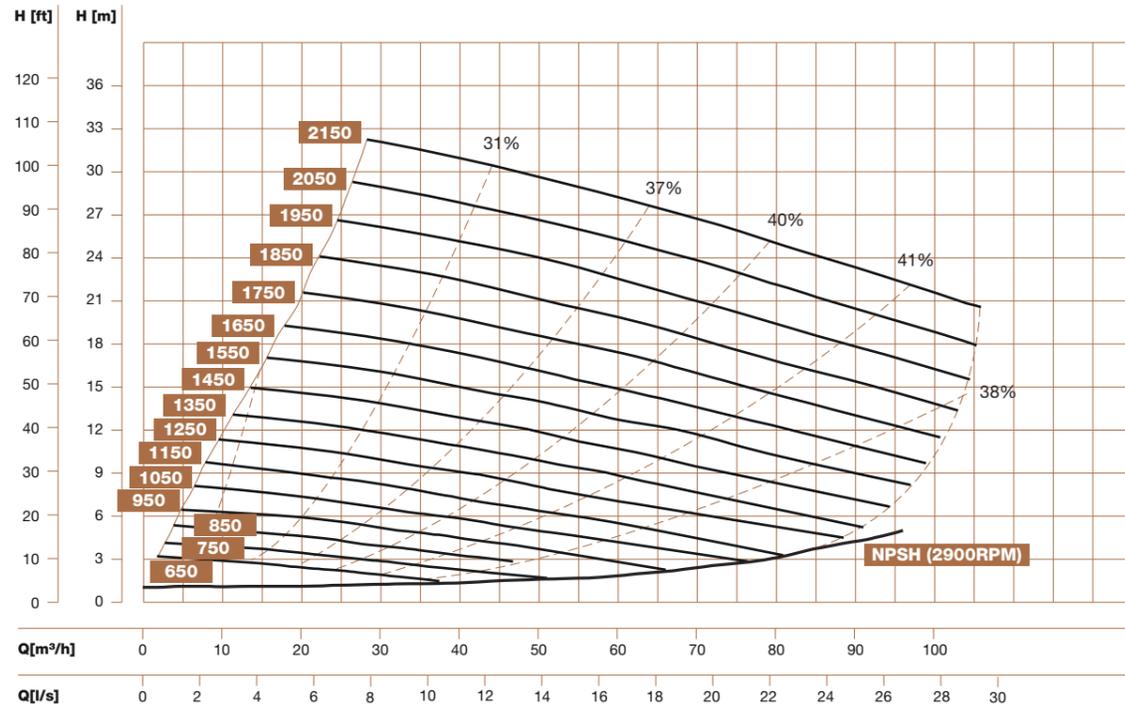
1) The performance is based on pumping clean water under normal temperature and min suction head is measured on sea level. For different installation way of pump, pump performance vary from flow rate, specific gravity, altitude, temperature. If the specific gravity of pumped medium is bigger than 1.2kg/dm<sup>3</sup>, please contact us.

2) For the rpm with (\*) in the table, pump can be coupled with B3 series standard motor.

3) For other rpm, pump can be driven by triangle belt sheave.

# WP 3

Performance curve



Performance table

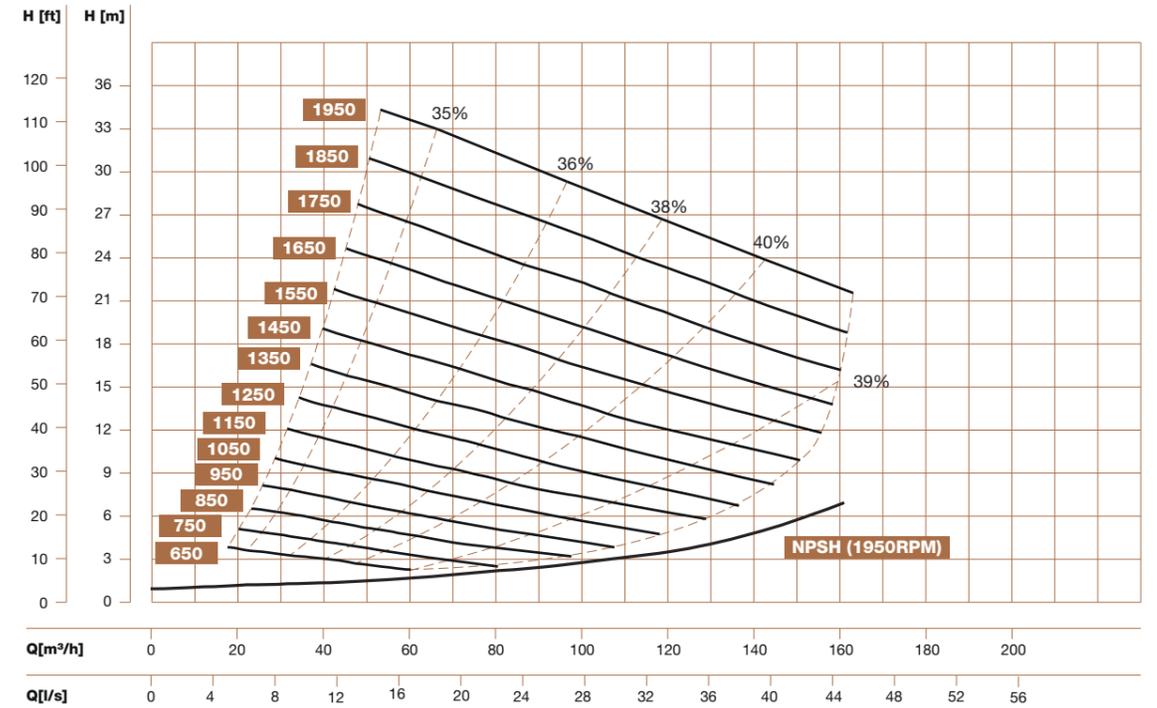
Model	RPM	Q		H (m)	Motor		Inlet & Outlet	Max. Solids (mm)	Max. Suction Head (m)
		m³/h	(l/s)		kW	HP			
WP-3	650	25	6.9	2	0.75	1	80 (3')	63	1.5
	750*	30	8.3	3	1.5	2			1.8
	850	32.5	9.0	4	1.5	2			2.4
	950*	40	11.1	4.5	1.5	2			3.0
	1050	42.5	11.8	5.5	3	4			4.0
	1150	45	12.5	7	4	5.5			4.9
	1250	50	13.9	8	4	5.5			5.5
	1350	52.5	14.6	10	5.5	7.5			5.8
	1450*	55	15.3	11.5	5.5	7.5			6.4
	1550	60	16.7	12.5	7.5	10			6.4
	1650	65	18.1	14.5	11	15			6.7
	1750	70	19.4	16	11	15			6.7
	1850	72.5	20.1	18	15	20			7.6
	1950	75	20.8	20	15	20			7.6
2050	80	22.2	22.5	18.5	25	7.6			
2150	85	23.6	24.5	18.5	25	7.6			

Operating table

Model	RPM	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
			mca									
WP-3	650		2.9	2.5	2.0							
	750*		3.9	3.5	3.0	2.3						
	850		5.2	4.7	3.9	3.4						
	950*		6.4	6.0	5.2	4.5	3.8					
	1050		7.9	7.4	6.7	5.9	5.0	4.3				
	1150		9.7	9.0	8.3	7.4	6.5	5.6				
	1250		11.3	10.7	10.0	9.1	8.0	7.1	6.2			
	1350			12.6	11.9	11.0	10.0	9.0	7.7			
	1450*			14.7	14.0	12.9	12.0	10.8	9.6	8.3		
	1550			16.8	16.1	15.1	14.0	12.5	11.7	10.4	9.1	
	1650			19.3	18.5	17.4	16.2	15.0	13.6	12.3	11.1	
	1750				20.9	19.7	18.7	17.5	16.0	14.5	13.2	11.8
	1850				23.5	22.5	21.2	20.0	18.4	16.9	15.3	14.0
	1950				26.2	25.3	24.1	22.7	21.0	19.6	17.9	16.4
2050				29.0	28.0	26.8	25.3	24.0	22.5	20.5	18.9	
2150				32.1	31.0	29.7	28.2	26.8	25.1	23.4	21.7	

# WP 4

Performance curve



Performance table

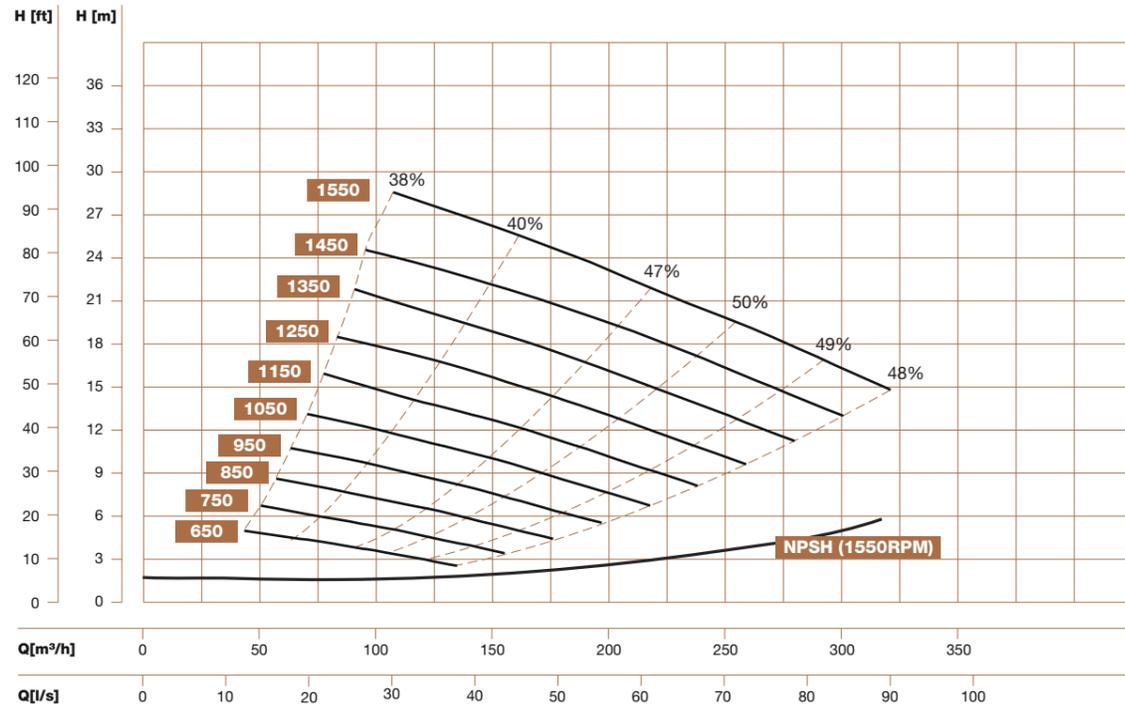
Model	RPM	Q		H (m)	Motor		Inlet & Outlet	Max. Solids (mm)	Max. Suction Head (m)
		m³/h	(l/s)		kW	HP			
WP-4	650	40	11.1	3	1.5	2	100 (4')	76	1.5
	750*	45	12.5	4	1.5	2			2.4
	850	53	14.7	5	2.2	3			4.9
	950*	60	16.7	6	3	4			5.8
	1050	65	18.1	7.5	5.5	7.5			6.7
	1150	72	20.0	9	5.5	7.5			7.3
	1250	80	22.2	10.5	7.5	10			7.6
	1350	85	23.6	12.5	11	15			7.6
	1450*	100	27.8	13.5	11	15			7.6
	1550	110	30.6	15.5	15	20			7.6
	1650	115	31.9	18	18.5	25			7.6
	1750	120	33.3	20	22	30			7.6
	1850	130	36.1	22.5	30	40			7.6
	1950	135	37.5	25	30	40			7.6

Operating table

Model	RPM	Q (m³/h)	20	32	48	64	80	96	112	128	144	160
			mca									
WP-4	650		3.8	3.3	2.6							
	750*			4.5	3.7	3.0						
	850			6.0	5.3	4.5	3.5					
	950*			7.5	6.5	5.7	5.0					
	1050			9.7	8.7	7.8	6.8	5.9				
	1150			11.9	10.8	9.9	8.8	7.6				
	1250			14.2	13.2	12.0	10.8	9.5	8.4			
	1350			16.7	15.7	14.3	13.1	11.8	10.5			
	1450*				18.0	16.5	15.5	14.0	12.5	11.5		
	1550				20.9	19.8	18.3	16.9	15.4	13.8	12.6	
	1650				24.3	22.9	21.1	19.8	18.1	16.3	15.0	
	1750				27.6	26.2	24.4	22.9	21.3	19.3	17.5	16.2
	1850				31.0	29.8	27.7	26.1	24.4	22.5	20.5	18.7
	1950				34.5	33.4	31.5	29.4	27.7	25.7	23.5	21.7

# WP 6

Performance curve



Performance table

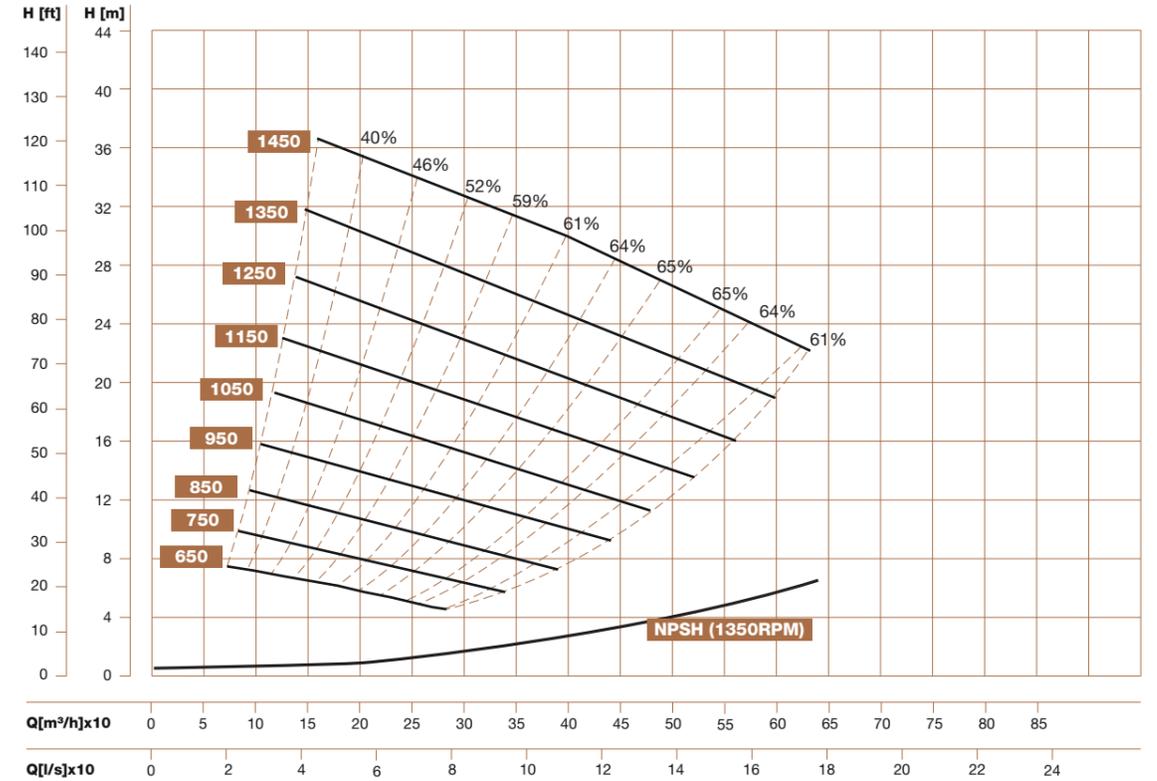
Model	RPM	Q		H (m)	Motor		Inlet & Outlet	Max. Solids mm	Max. Suction Head m
		m³/h	(l/s)		kW	HP			
WP-6	650	100	27.8	3.5	3	4	150 (6')	76	2,4
	750*	125	34.7	4.5	4	5.5			2,7
	850	150	41.7	5.5	7.5	10			3,6
	950*	160	44.4	7.5	7.5	10			4,2
	1050	180	50.0	9.0	11	15			5,5
	1150	200	55.6	10.0	15	20			6,4
	1250	220	61.1	12.5	22	30			6,4
	1350	230	63.9	15.0	30	40			6,7
	1450*	250	69.4	17.0	30	40			7,0
	1550	280	77.8	18.0	37	50			7,6

Operating table

Model	RPM	Q m³/h	50	80	120	150	180	210	240	270	300
			mca								
WP-6	650	100	5.0	4.2	3.1						
	750*	125		6.0	4.7	3.6					
	850	150		8.0	7.0	5.5					
	950*	160		11.0	9.5	7.5	6.8				
	1050	180		13.0	11.0	10.0	9.0	7.5			
	1150	200		16.0	14.0	12.8	11.2	10.0	8.0		
	1250	220			17.0	15.5	14.0	12.7	10.5		
	1350	230			20.5	19.0	17.5	15.5	14.0	12.0	
	1450*	250			24.0	22.0	21.0	19.0	17.0	15.0	13.0
	1550	280			28.0	26.0	24.5	22.7	20.5	18.5	16.5

# WP 8

Performance curve



Performance table

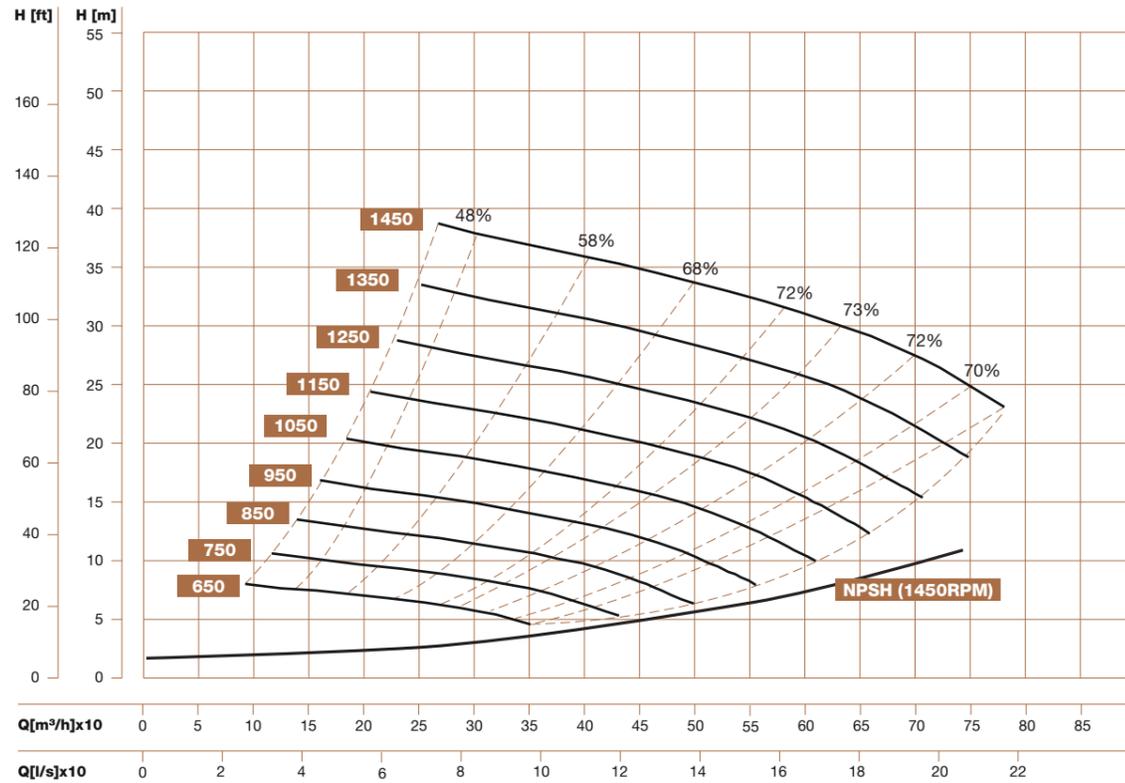
Model	RPM	Q		H (m)	Motor		Inlet & Outlet	Max. Solids mm	Max. Suction Head m
		m³/h	(l/s)		kW	HP			
WP-8	650	200	55.6	6	7.5	10	200 (8')	76	2,7
	750*	230	63.9	8	11	15			3,7
	850	260	72.2	10	15	20			4,6
	950*	300	83.3	12	22	30			5,2
	1050	320	88.9	15	30	41			6,1
	1150	350	97.2	18	37	50			6,4
	1250	400	111.1	20	55	75			6,7
	1350	450	125.0	23	75	102			7,0
	1450*	500	138.9	26	75	102			7,0

Operating table

Model	RPM	Q m³/h	100	150	200	250	300	350	400	450	500	580
			mca									
WP-8	650	200	7.0	6.5	6.0	5.0						
	750*	230		8.8	8.5	7.5	6.5					
	850	260		11.5	11.0	10.0	9.0	8.0				
	950*	300		15.0	14.0	13	12.0	11.0				
	1050	320		18.5	17.5	16.5	15.5	14.0	13.0			
	1150	350			21.5	20.3	19.0	18.0	16.5	15.5		
	1250	400			25.5	24.5	23.0	22.0	20.0	19.0	18.0	
	1350	450			30.5	29.0	27.8	26.0	25.0	23.0	22.0	
	1450*	500			35.5	34.0	32.0	31.0	30.0	28.0	26.0	23.0

# WP 10

## Performance curve



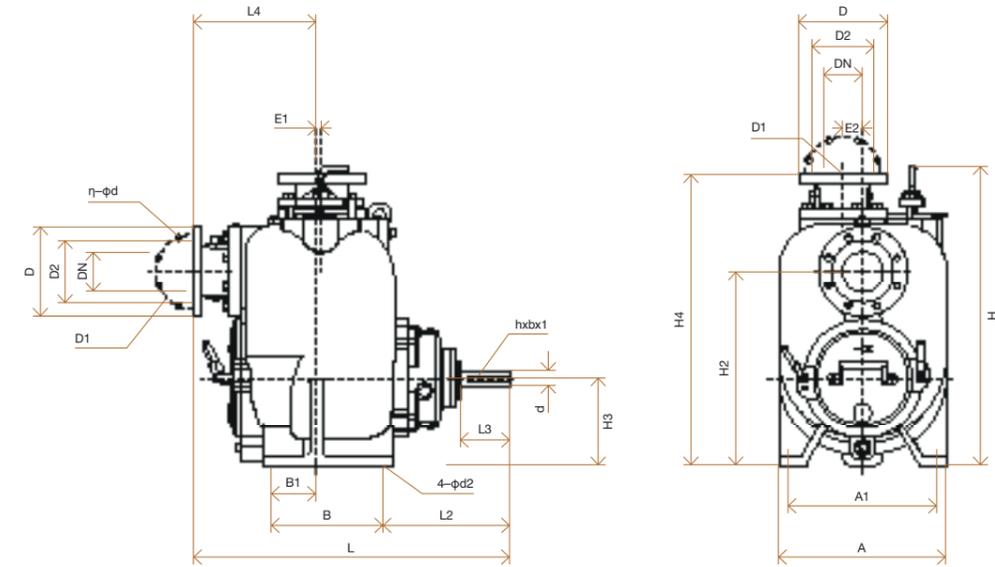
## Performance table

Model	RPM	Q		H (m)	Motor		Inlet & Outlet (10')	Max. Solids (mm)	Max. Suction Head (m)
		m³/h	(l/s)		kW	HP			
WP-10	650	250	69	6.5	11	15	250 (10')	76	2.4
	750*	300	83	8.5	15	20			2.7
	850	350	97	11	22	30			3.6
	950*	400	111	13	30	41			4.2
	1050	450	125	16	45	61			5.5
	1150	500	139	19	55	75			6.4
	1250	525	146	23	75	102			6.4
	1350	550	153	27	90	122			6.7
	1450*	600	167	31	90	122			7.0

## Operating table

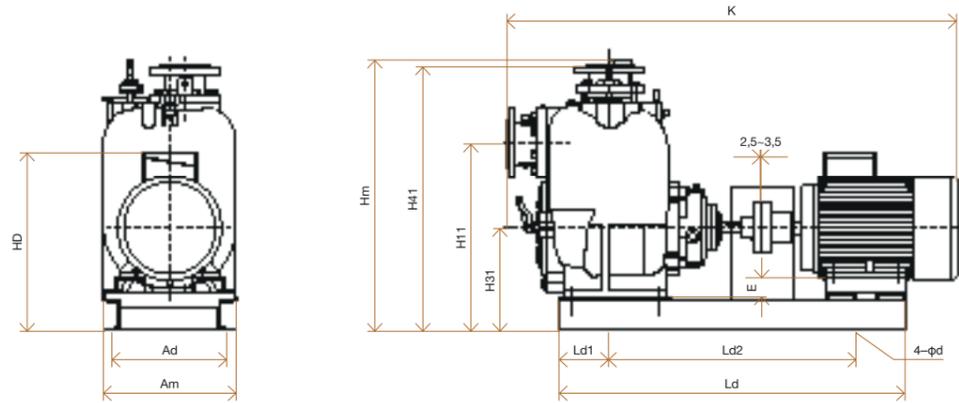
Model	RPM	Q (m³/h)	200	300	400	450	500	550	600	650	700	750
			mca									
WP-	650		7.0	6.5								
	750*		10.0	8.5	6.0							
	850		13.0	11.5	10.0	8.0						
	950*		16.0	15.0	13.0	12.0	10.0					
	1050		20.0	19.0	17.0	16.0	14.5	12.5				
	1150			23.0	21.0	20.0	19.0	17.5	15.0			
	1250			27.5	25.5	24.5	23.5	22.0	20.5	18.0		
	1350			32.5	30.5	29.5	28.0	27.0	25.5	23.5	21.5	
	1450*			38.0	36.0	35.0	33.5	32.0	31.0	29.5	27	24.5

## Pump profile and installation dimension



		WP-2	WP-3	WP-4	WP-6	WP-8	WP-10
<b>PN</b>	Mpa	PN0.6MPa/ Class 150 lb		PN1.0MPa/ Class 150 lb		PN1.6MPa/ Class 150 lb	
<b>DN</b>		50/2"	80/3"	100/4"	150/6"	200/8"	250/10"
<b>Maximum solid passage</b>		38	63	76	76	76	76
<b>D</b>		140	190	229	285	340	405
<b>D1</b>		110	150	180	240	295	355
<b>D2</b>		90	127	158	212	266	320
<b>n-d1</b>		4-14	4-19	8-19	8-23	8-23	12-26
<b>hxbxl</b>		10 x 5 x 95	10 x 5 x 80	10 x 5 x 90	10 x 5 x 95	14 x 3,5 x 127	14 x 3,5 x 120
		0.38'x0.19'x3.74'	0.38'x0.19'x3'	0.38'x0.19'x3.5'		0.38'x 0.19'x 5'	
<b>H2</b>		318	431,8	495,3	574,3	723,8	639,8
<b>A</b>		308	377	428	580	716	786
<b>A1</b>		281	328	373	527	635	635
<b>B</b>		163,2	288,6	279,4	279,4	304,8	304,8
<b>B1</b>		54	76,2	110	77,8	101,6	101,6
<b>L2</b>		274,8	285	326	294	407,1	320,6
<b>d2</b>		14	18	18	18	24	24
<b>H3</b>		151,5	190,5	222,2	257,2	330,2	355,6
<b>L3</b>		104	102	127	127	170	123
<b>d</b>		38	38	38	38	48	48
<b>H</b>		552	697,5	760	875	989	1017
<b>Am</b>		321/12.64'	389/15.31'	429/16.89'	580/22.83'	716/28.19'	786/30.94'
<b>H4</b>		502	652	735	887,7	1069,3	7,86
<b>L</b>		615/24.21'	712.2/28.04'	813.5/32.03'	906.6/35.69'	1023/40.28'	1244.7/49'
<b>L4</b>		233/9.17'	277/10.91'	318/12.52'	411/16.18'	412.8/16.25'	720.9/28.38'
<b>E1</b>		27.5/1.08'	15/0.59'	13/0.51'	0	0	0
<b>E2</b>		70/2.76'	50/2'	50/2'	50/2'	0	0
<b>Weight</b>	(Kg/lbs)	99/218	190/419	275/606	438/966	655/1445	705/1555

## Profile and installation dimension of coupled pump set



Model	Motor		Dimensions (mm)												
	Power (kW)	Model	Ad	Ld1	Ld2	d	H11	H31	H41	K	Am	Hm	HD	E	Ld
<b>WP-2 (1450)</b>	1.5	Y2-90L-4	300	77.5	617	20	428	261.5	612	986	341	662	416.5	61.5	772
<b>WP-2 (2900)</b>	9.2	02-1325-2	300	77.5	695	20	428	261.5	612	1110	341	662	471.5	19.5	850

<b>WP-3 (750)</b>	1.5	02-1128-8	330	120	621	20	541.8	300.5	762.2	1134	370	800	490.5	78.5	861
<b>WP-3 (950)</b>	1.5	Y2-100L-6	330	120	614	20	541.8	300.5	762.2	1119	370	800	480.5	90.5	854
<b>WP-3 (1450)</b>	5.5	Y2-132S1-4	330	120	660	20	541.8	300.5	762.2	1204	370	800	510.5	58.5	900

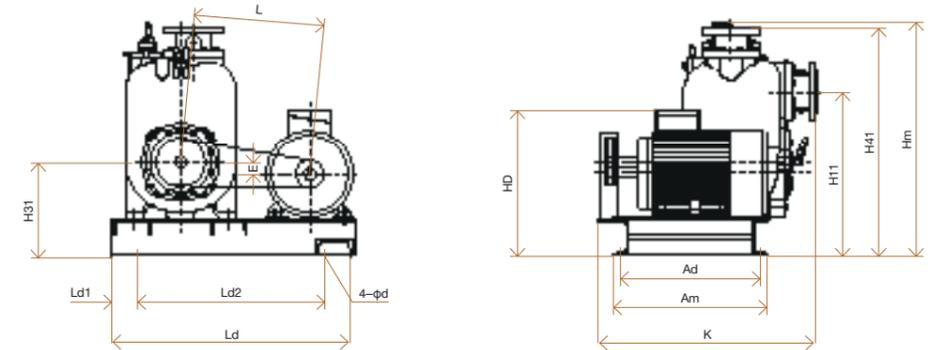
<b>WP-4 (750)</b>	1.5	02-1128-8	370	150	663	20	605.3	332.2	843.6	1236	430	887.3	522.2	110.2	963
<b>WP-4 (950)</b>	3	02-1325-6	370	150	702	20	605.3	332.2	843.6	1306	430	887.3	542.2	90.2	1002
<b>WP-4 (1450)</b>	11	Y2-160M-4	370	150	821	20	605.3	332.2	843.6	1451	430	887.3	587.2	62.2	1121

<b>WP-6 (750)</b>	4	02-16081-8	510	150	784	20	710.3	393.2	1023.7	1544	590	1024	648.2	97.2	1084
<b>WP-6 (950)</b>	7.5	Y2-160M-6	510	150	784	20	710.3	393.2	1023.7	1544	590	1024	648.2	97.2	1084
<b>WP-6 (1450)</b>	30	Y2-200L-4	510	150	905	20	710.3	393.2	1023.7	1705	590	1024	698.2	57.2	1205

<b>WP-8 (750)</b>	11	52-180L-8	640	150	1050	24	904	510.2	1250	1767	716	1250	790	150.2	1350
<b>WP-8 (950)</b>	22	Y2-200L2-6	640	150	1085	24	904	510.2	1250	1769	716	1250	815	130.2	1385
<b>WP-8 (1450)</b>	75	02-2805-4	640	150	1264	24	904	510.2	1250	2012	716	1250	1020	50.2	1564

<b>WP-10 (750)</b>	15	02-200L-8	640	150	1050	24	820	535.6	1227.8	2020	786	1228	880.6	155.6	1350
<b>WP-10 (950)</b>	30	02-2258-6	640	150	1050	24	820	535.6	1227.8	2095	786	1228	865.6	130.6	1350
<b>WP-10 (1450)</b>	90	02-2808-4	640	150	1240	24	820	535.6	1227.8	2285	786	1228	935.6	75.6	1540

## Profile and installation dimension of Δ-belt drives pump set



Model	Motor		Dimensions (mm)												
	Power (kW)	Model	Ad	Ld1	Ld2	d	H11	H31	H41	K	Am	Hm	HD	E	Ld
<b>WP-2 (1450)</b>	1.5	Y2-90L-4	300	77	617	20	428	261	612	986	341	662	416	61	772
<b>WP-2 (2900)</b>	9.2	02-1325-2	300	77	695	20	428	261	612	1110	341	662	471	19	850

<b>WP-3 (750)</b>	1.5	02-1128-8	330	120	621	20	542	300	762	1134	370	800	490	78	861
<b>WP-3 (950)</b>	1.5	Y2-100L-6	330	120	614	20	542	300	762	1119	370	800	480	90	854
<b>WP-3 (1450)</b>	5.5	Y2-132S1-4	330	120	660	20	542	300	762	1204	370	800	510	58	900

<b>WP-4 (750)</b>	1.5	02-1128-8	370	150	663	20	605	332	844	1236	430	887	522	110	963
<b>WP-4 (950)</b>	3	02-1325-6	370	150	702	20	605	332	844	1306	430	887	542	90	1002
<b>WP-4 (1450)</b>	11	Y2-160M-4	370	150	821	20	605	332	844	1451	430	887	587	62	1121

<b>WP-6 (750)</b>	4	02-16081-8	510	150	784	20	710	393	1024	1544	590	1024	648	97	1084
<b>WP-6 (950)</b>	7.5	Y2-160M-6	510	150	784	20	710	393	1024	1544	590	1024	648	97	1084
<b>WP-6 (1450)</b>	30	Y2-200L-4	510	150	905	20	710	393	1024	1705	590	1024	648	57	1205

<b>WP-8 (750)</b>	11	52-180L-8	640	150	1050	24	904	510	1250	1767	716	1250	790	150	1350
<b>WP-8 (950)</b>	22	Y2-200L2-6	640	150	1085	24	904	510	1250	1769	716	1250	815	130	1385
<b>WP-8 (1450)</b>	75	02-2805-4	640	150	1264	24	904	510	1250	2012	716	1250	1020	50	1564

<b>WP-10 (750)</b>	15	02-200L-8	640	150	1050	24	820	536	1228	2020	786	1228	881	156	1350
<b>WP-10 (950)</b>	30	02-2258-6	640	150	1050	24	820	536	1228	2095	786	1228	866	131	1350
<b>WP-10 (1450)</b>	90	02-2808-4	640	150	1240	24	820	536	1228	2285	786	1228	936	76	1540

## WP pump belt sheave data

Model	Motor		Belt sheave at motor end		Belt sheave at pump end		Triangle belt		
	Power (kW)	Model	Model	OD of belt sheave (mm)	Model	OD of belt sheave (mm)	Model	Fiducial lenght	Nos.
WP-2 (1150)	1.1	Y2-90S-4	VA2-85	90.5	VA2-100	105.5	Belt A	990	2
WP-2 (1750)	3	Y2-100L-2	VA4-85	90.5	VA4-132	137.5	Belt A	1100	4
WP-2 (2050)	4	Y2-112M-2	V03-100	105.5	VA3-132	137.5	Belt A	1100	3
WP-2 (2350)	7.5	Y2-132S2-2	100,4-100	105.5	VA4-120	125.5	Belt A	1250	4
WP-2 (2650)	7.5	Y2-132S2-2	VA.3-118	123.5	VA3-125	130.5	Belt A	1250	3
WP-3 (650)	0.75	Y2-80M2-4	VA2-80	85.5	VA2-160	165.5	Belt A	1250	2
WP-3 (850)	1.5	Y2-90L-4	VA2-80	85.5	VA2-125	130.5	Belt A	1250	2
WP-3 (1050)	3	Y2-100L-6	VA3-90	95.5	VA3-120	125.5	Belt A	1250	3
WP-3 (1150)	4	Y2-112M-4	VA3-100	105.5	VA3-120	125.5	Belt A	1430	3
WP-3 (1250)	4	Y2-112M-4	VA3-100	105.5	VA3-112	117.5	Belt A	1430	3
WP-3 (1350)	5.5	Y2-132S1-4	VA4-125	130.5	VA4-130	135.5	Belt A	1430	4
WP-3 (1550)	7.5	Y2-132S2-2	VA3-125	130.5	VA3-224	229.5	Belt A	1430	3
WP-3 (1650)	11	Y2-160M1-2	VA4-125	130.5	VA4-212	217.5	Belt A	1560	4
WP-3 (1750)	11	Y2-160M1-2	VA4-125	130.5	VA4-200	205.5	Belt A	1560	4
WP-3 (1850)	15	Y2-160M2-2	VB4-132	139	VB4-200	207	Belt B	1560	4
WP-3 (1950)	15	Y2-160M2-2	VB4-125	132	VB4-180	187	Belt B	1560	4
WP-3 (2050)	18.5	Y2-160L-2	VB4-160	167	VB4-224	231	Belt B	1560	4
WP-3 (2150)	18.5	Y2-160L-2	VB4-160	167	VB4-212	219	Belt B	1560	4
WP-4 (650)	1.5	Y2-90L-4	VA2-85	90.5	VA2-180	185.5	Belt A	1560	2
WP-4 (850)	2.2	Y2-100L1-4	VA3-90	95.5	VA2-150	155.5	Belt A	1430	2
WP-4 (1050)	5.5	Y2-132S-4	VA3-125	130.5	VA3-160	165.5	Belt A	1430	3
WP-4 (1150)	5.5	72-132S-4	VA3-125	130.5	VA3-150	155.5	Belt A	1550	3
WP-4 (1250)	7.5	72-13211-4	VA4-125	130.5	VA4-140	145.5	Belt A	1550	4
WP-4 (1350)	11	Y2-16011-4	VB4-160	167	VB4-170	177	Belt B	1550	4
WP-4 (1550)	15	Y2-160112-2	VB3-180	187	VB3-315	322	Belt B	1950	3
WP-4 (1650)	18.5	Y2-160L-2	VB4-150	157	VB4-250	257	Belt B	1950	4
WP-4 (1750)	22	Y2-18011-2	VB4-180	187	VB4-280	287	Belt B	1950	4
WP-4 (1850)	30	Y2-200L1-2	VC4-212	209.6	VC4-315	324.6	Belt C	1950	4
WP-4 (1950)	30	Y2-200L1-2	VC4-250	239.6	VC4-355	364.6	Belt C	1950	4
WP-6 (650)	3	Y2-100L2-4	VA2-85	91	VA2-180	185.5	Belt A	1550	2
WP-6 (850)	7.5	Y2-13211-4	VB4-125	132	VB4-200	207	Belt B	1760	4
WP-6 (1050)	11	Y2-16011-6	VB3-170	177	VB3-224	231	Belt B	1950	3
WP-6 (1150)	15	Y2-160L-4	VB4-170	177	VB4-200	207	Belt B	1950	4
WP-6 (1250)	22	Y2-180L-4	VC4-224	234	VC4-250	260	Belt C	1950	4
WP-6 (1350)	30	Y2-200L-4	VC4-250	260	4C4-265	275	Belt C	2195	5
WP-6 (1550)	37	Y2-2255-4	VC4-300	310	VC4-280	290	Belt C	2195	4
WP-8 (650)	7.5	Y2-16011-6	VB3-125	132	VB3-180	187	Belt B	1950	3
WP-8 (850)	15	Y2-180L-6	VB4-200	207	VB4-224	231	Belt B	1950	4
WP-8 (1050)	30	Y2-200L-4	VC4-224	233.6	VC4-315	324.6	Belt C	2420	4
WP-8 (1150)	37	Y2-2255-4	VC4-280	289.6	VC4-355	364.6	Belt C	2420	4
WP-8 (1250)	55	Y2-25014-4	VC4-280	289.6	VC4-315	324.6	Belt C	2420	4
WP-8 1350	75	Y2-2805-4	VD4-355	371.2	VD4-375	391.2	Belt D	2740	4
WP-10 (650)	11	Y2-160L-6	VB4-140	147	VB4-200	207	Belt B	1950	4
WP-10 (850)	22	Y2-200L2-6	VC4-224	233.6	VC4-250	259.6	Belt C	2195	4
WP-10 (1050)	45	Y2-2251,1-4	VC4-250	259.6	VC4-355	364.6	Belt C	2420	4
WP-10 (1150)	55	Y2-25019-4	VC4-315	324.6	VC4-400	409.6	Belt C	2715	4
WP-10 (1250)	75	Y2-2805-4	VD4-355	371.2	VD4-425	441.2	Belt D	2740	4
WP-10 (1350)	90	Y2-28014-4	VD4-355	371.2	VD4-375	391.2	Belt D	2740	4

Note for table: Belt sheave complies with GB/T10412 rule; belt complies with GB/T 11544 rule.

# Notes



202544-CTL-WP-EN  
subject to amendments

# BE PUMPING PARTNERS

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