



Auto Prime Pumps

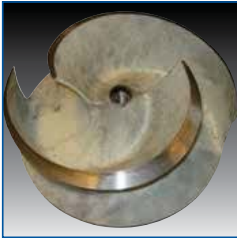
BA series



The heart of the matter

Impeller

A selection of high efficiency impellers are available for the BA range. By using high grade steel (42CrMo4) the pumps can be used for corrosive or abrasive fluids.



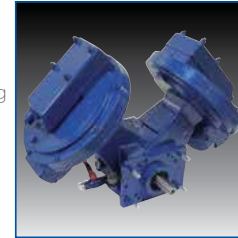
Easy inspection

All inspection points, draining points and filler plugs are easily accessible and situated on one side of the pump as much as possible.



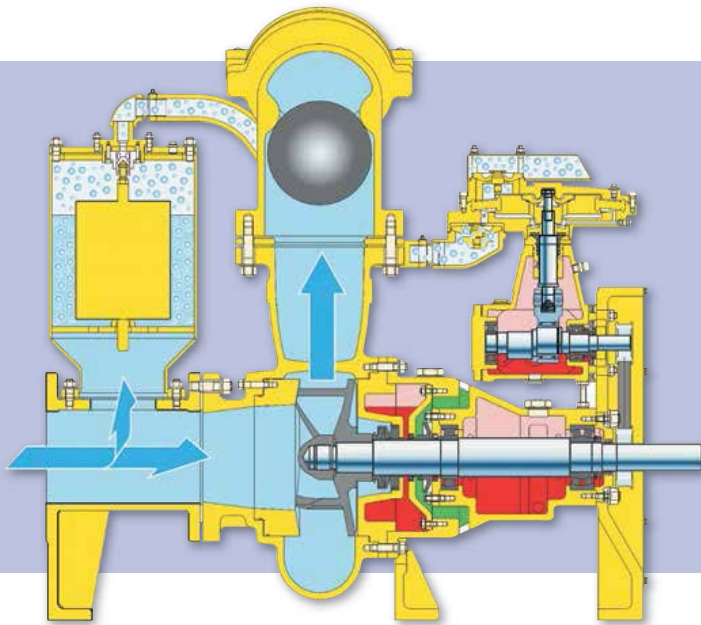
Reliable vacuum pump

MP series diaphragm pump. Air-cooled, water resistant and 100% oil-spill free offering air handling capacities of 50 m³/h or 100 m³/h (30 or 60 cfm).



Large inspection covers

Easy access to all main areas, e.g. float box, impeller and non-return valve.

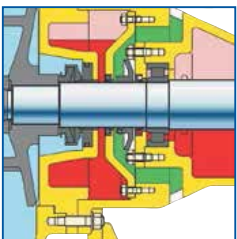


The combination of high quality and reliable and smart solutions makes the BA an outstanding and modern pump.

Oil chamber and pressure relief chamber

The large oil chamber offers optimal seal cooling allowing dry running or snoring.

The pressure relief chamber prevents fluids from entering the bearing block at all times.



Non-return valve

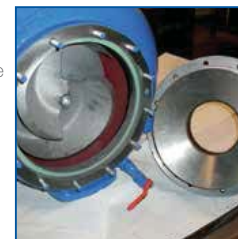
The Swing Flex© non-return valve features a Buna-N flap in a cast iron housing.

This maintenance-free valve creates perfect sealing of the discharge port for reliable priming and re-priming.



Adjustable wearplate

The wearplate can be adjusted without disassembling the pump-end, ensuring maximum pump efficiency.



Interchangeable parts

The modular design of the BA series minimises parts requirement thereby lowering stock keeping costs and facilitating easy maintenance.



BA Electric drive models

The electrically driven BA range features:

- High quality electric motors.
- Galvanised, stackable frame or canopy featuring forklift pockets and a central lifting point.
- Control panel with softstarter, customisable to suit your requirements.



Model	Pump			Electric motor		Canopy	Open frame
	Flow m³/h	Head m	Ø mm	Power kW	Speed rpm		
BA100K D193	130	17	82	7,5	1500	M10-23	BF10-23
BA100E D255	250	23	80	15	1500	M10-23	BF10-23
BA150E D285	450	27	80	22	1500	M10-23	BF10-23
BA200E D328	750	32	80	45	1500	M10-23	BF10-23
BA300K D324	1400	18	100	75	1500	M12-31	BF12-31
BA300K D350	1550	24	100	90	1500	M12-31	BF12-31



BA100K 4" dewatering and sewage pump

Designed with smaller sewage bypass operations in mind, the BA100K D193 in canopy features a single channel impeller with a 82 mm free passage and offers a flow rate of up to 135 m³/h. The pump is coupled to a single cylinder Hatz diesel engine, minimising the fuel consumption to 1,5 litres an hour on full load.

The compact canopy design features a 220 liter on-board diesel tank which gives the unit a fuel autonomy of approximately 150 hours. Furthermore, with a noise level of 52 dB(A) at 10 meters this pump unit can operate 24/7 even in areas where sound emission levels are critical.

Protection bars

Protecting the doors from damaging and ensuring a factory new look.



Lockable doors

All doors feature heavy-duty T-locks.



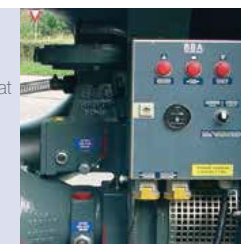
Stainless steel hinges

All doors fitted with stainless steel hinges with lubrication points.



Auto start-stop

Standard auto start-stop system with float switches minimising fuel consumption.



Model*	Pump			Diesel engine				Canopy	Stock model
	Flow m³/h	Head m	Ø mm	Brand	Model	Power kW	Speed rpm		
BA100K D193	135	18	82	Hatz	1D81Z	5,5	1500	M10-19	<input checked="" type="checkbox"/>



4"-6" dewatering and sewage pumps

With the development of the E-range of impellers in combination with the revolutionary M10-23 canopy and BF10-23 frame, BBA Pumps has set a new standard for diesel driven pumping equipment.

By combining our experience with the cutting edge technology we have been able to create a compact and lightweight pump unit without having to make sacrifices when it comes to reliability, durability and sound emission levels.



Fast tow trailer

A custom built, road-legal trailer for all 4" and 6" pump units in M10-23 canopy or BF10-23 frame.



Site trailer

Off road trailer for all 4" and 6" pump models in M 10-23 canopy or BF 10-23 frame.

Model	Pump			Diesel engine				Canopy	Frame	Stock model
	Flow m ³ /h	Head m	Ø mm	Brand	Model	Power kW	Speed rpm			
BA100E D255	250	23	80	Perkins	403D-15	13	1500	M10-23	BF10-23	
BA100E D265	265	35	80	Perkins	404D-22	23	1800	M10-23	BF10-23	
BA150E D285	460	27	80	Perkins	404D-22	20	1500	M10-23	BF10-23	
BA150E D285	475	37	80	Perkins	404D-22T	34	1800	M10-23	BF10-23	<input checked="" type="checkbox"/>

6"-12" dewatering and sewage pumps

For the larger units in the BA range, we have developed the EW canopy. The canopy uses a modular build system that has a universal and recognisable look throughout the range. Featuring a heavy-duty galvanised frame in combination with PE door covers the canopy is virtually maintenance free and offers a lasting factory new look. Should sound levels not be critical these units are also available as open diesel.



Model	Pump			Brand	Diesel engine			Canopy	Frame	Stock model
	Flow m ³ /h	Head m	Ø mm		Model	Power kW	Speed rpm			
BA150E D285	490	48	80	Perkins	1104D-44T	54	2100	EW12-25	F8-30	
BA200E D328	700	32	80	Perkins	1104D-44T	45	1500	EW12-25	F8-30	<input checked="" type="checkbox"/>
BA200E D328	750	53	80	John Deere	4045HF285	100	2000	EW12-25	F8-30	
BA-C 200S4 D330	900	58	86	John Deere	4045HF285	75	1800	EW12-33	F10-33	
BA250K D375	1200	12	100	Perkins	404D-22T	36	2000	EW12-33	F10-36	
BA-C 300S4 D320	1400	41	102	Perkins	1104D-44TA	68	1500	EW12-33	F15-40	
BA300K D324	1400	18	100	Perkins	1104D-44TA	67	1500	EW12-33	F10-36	<input checked="" type="checkbox"/>
BA-C2504S D394	1400	44	86	Perkins	1106D-E66TA	95	1500	EW12-40	F10-36	
BA300K D350	1550	24	100	Perkins	1106D-E66TA	95	1500	EW12-40	F10-36	

BA Series

High flow pumps

Within the BA series we carry a range of pumps specifically designed for high flow applications. These pumps commonly find their use in the field of flood protection or for providing additional capacity for pumping stations. Available in open and sound attenuated diesel driven versions, this line of pumps offers excellent pump efficiencies combined with exceptional flow capabilities. Furthermore, free passages of up to 259 mm and a capacity of up to 10,000 m³/h make these pumps suitable for a variety of applications.

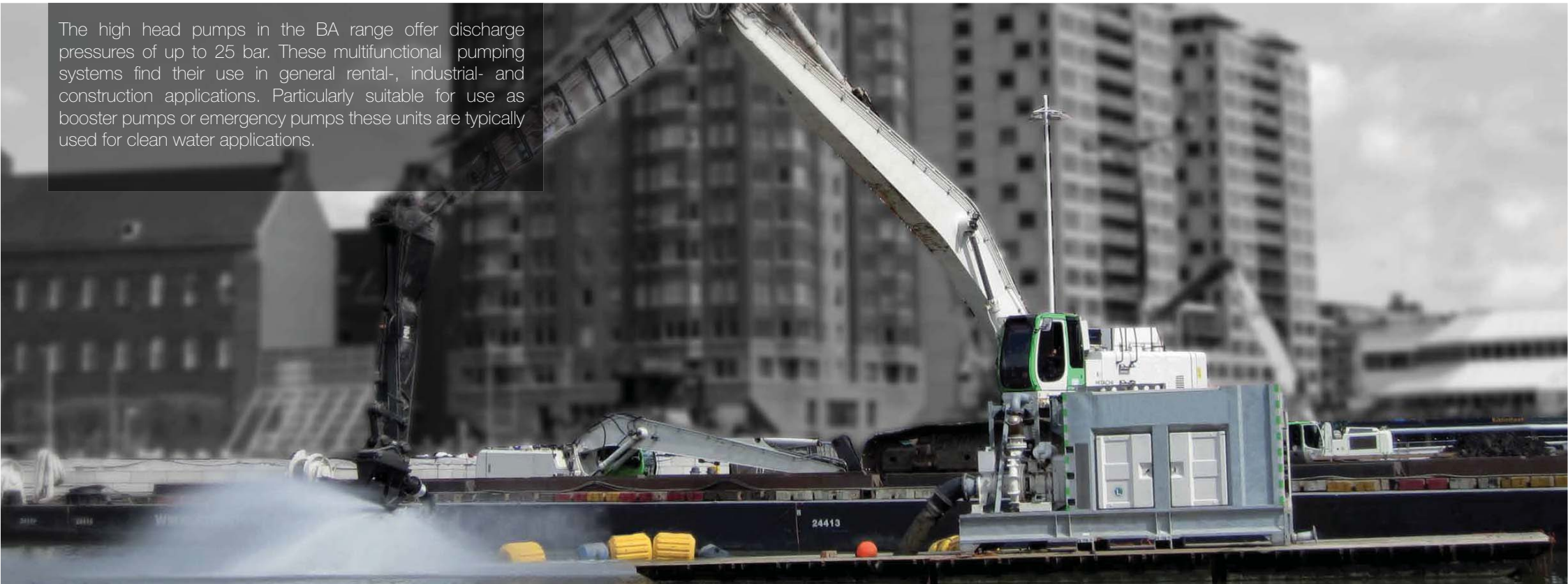


Model	Pump			Diesel engine				Canopy
	Flow m ³ /h	Head m	Ø mm	Brand	Model	Power kW	Speed rpm	
BA-C350 S8 D444	2000	40	102	John Deere	6068HF485	171	2200	EL 15-45
BA-C400 S8 D559	2700	31	114	Perkins	1106D-E66TA	163	1800	EL 15-50
BA-C450 S8 D673	3200	33	127	John Deere	6090HF485	225	1800	EL 15-50
BA-C600 S11 D711	5500	37	127	Caterpillar	C18	409	1800	EL 24-60
BA-C600 S12 D660	6500	24	133	John Deere	6090HF485	225	1800	EL 24-60
BA-C750 S4 D868	9000	29	259	Caterpillar	C18	330	1800	EL 24-80



High head / high pressure pumps

The high head pumps in the BA range offer discharge pressures of up to 25 bar. These multifunctional pumping systems find their use in general rental-, industrial- and construction applications. Particularly suitable for use as booster pumps or emergency pumps these units are typically used for clean water applications.



Model	Pump			Diesel engine				Canopy	Open diesel frame
	Flow m ³ /h	Head m	Ø mm	Brand	Model	Power kW	Speed rpm		
BA80H D275	150	90	25	Perkins	404D-22T	44	2800	M10-23	ET10-23
BA80H D315	155	107	25	Perkins	1104D-44T	63	2400	EW12-25	ET12-25
BA80H D315	200	90	25	Perkins	1104D-44T	62	2200	EW12-25	ET12-25
BA-C 100H1 D418	340	98	16	John Deere	4045HF285	100	1800	EW12-33	ET12-33
BA-C 150H7 D406	700	85	31	Perkins	1106D-E66TA	165	1800	EW12-40	ET12-33
BA-C 150H7 D418	850	115	31	Volvo Penta	TAD952VE	234	2000	EL15-50	ET12-40
BA-C 200S3 D444	1100	107	86	Caterpillar	C9	198	1800	EL15-50	ET12-40



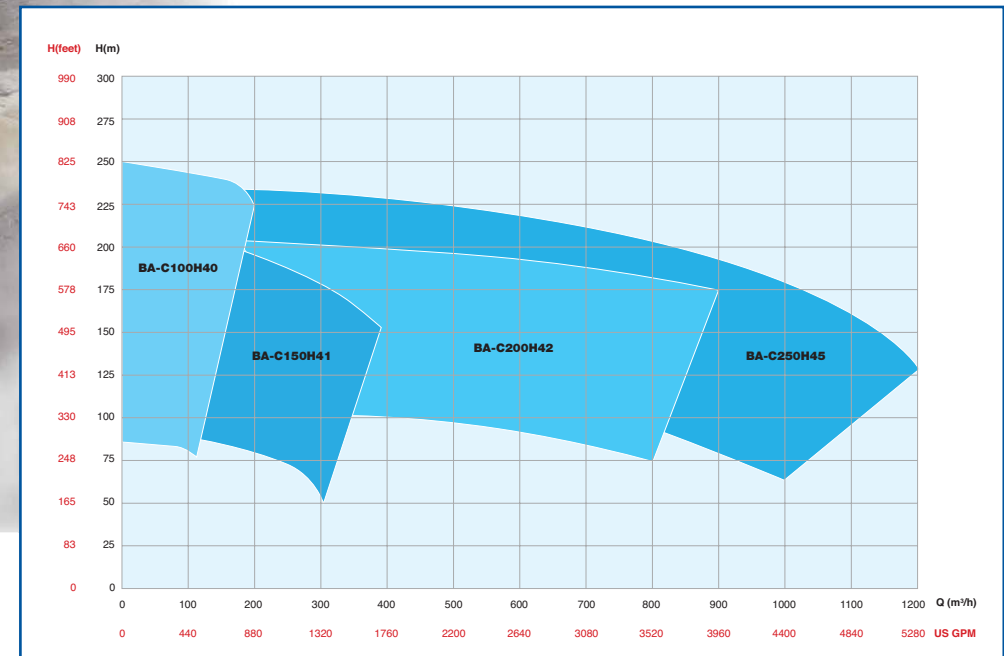
BA Series

High pressure mining pumps

In mining large quantities of water need to be dealt with on a daily basis. BBA Pumps carries a full range of pumps geared towards the specialist needs one encounters in the mining market. With a pressure range exceeding 200 meters of head, made of hard-wearing materials such as GGG70 and offering sufficient solids handling capabilities, this pump range is fully geared to the mining market.



Pump				Diesel engine				Canopy	Open diesel frame
Model	Flow m ³ /h	Head m	Ø mm	Brand	Model	Power kW	Speed rpm		
BA-C100 H40 D498	150	175	19	Caterpillar	C6.6	128	2000	EW 12-40	ET 12-33
BA-C150 H41 D508	300	150	25	Caterpillar	C7	166	1800	EL 15-45	ET 12-40
BA-C200 H42 D483	800	130	51	Caterpillar	C13	304	1800	EL 15-50	ET 15-44
BA-C250 H45 D673	1700	240	60	Caterpillar	3512	1100	1800	Custom build	Custom build





PT. LIMEDA INTERNATIONAL

Bizpark Commercial

p +62 21 4683 5878

Estate Blok R2 No. 7

f +62 21 4683 5815

Jl. Raya Bekasi Km 22

e info@limeda.com

Jakarta 13920

i www.limeda.com



Pumps for results

