



Pump specifications:

Type.....	BA200E D328
Max. flow	650 m ³ /hour (2860 US GPM)
Max. pressure	31 mwc (102 ft.)
Connections.....	Discharge DN 150 (6")
Connections.....	Suction DN 200 (8")
Solids handling	80 mm (3,15")
Impeller type	Semi-open impeller
Priming system	BBA MP100
Motor.....	45 kW – 4 Pole
Voltage	400/690V 50 Hz
Frame	BF10-18
Weight (net)	1400 kg (3080 lb.)

FEATURES

BA auto prime pump

The BA range of pumps has been designed with a clear focus on reliability, efficiency and durability. Featuring the 100% mechanical priming system, the BA series pumps quickly prime and re-prime, even from dry conditions. The heavy build style of both pump and canopy make the BA range perfect for use in the strenuous contractor market.

World-class performance

The BA range is built to be deployed on the most demanding dewatering and sewage bypassing applications. Using high efficiency pumps and IE3 electric motors, the pumps offer maximum performance at minimal cost, fully in-sync with the company philosophy of "Lowest cost of ownership".

Sustainability

- High efficiency pumps and motors
- Corrosion free hot dip galvanised frame or canopy
- Lean manufacturing philosophy
- 100% Oil-spill free priming system

Complete package designed & built by BBA Pumps

- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

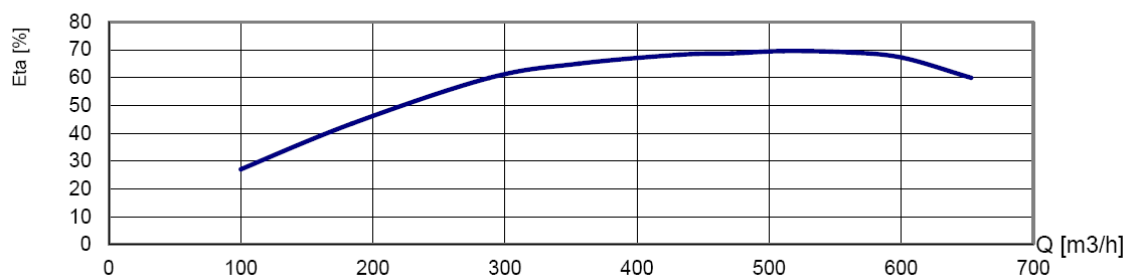
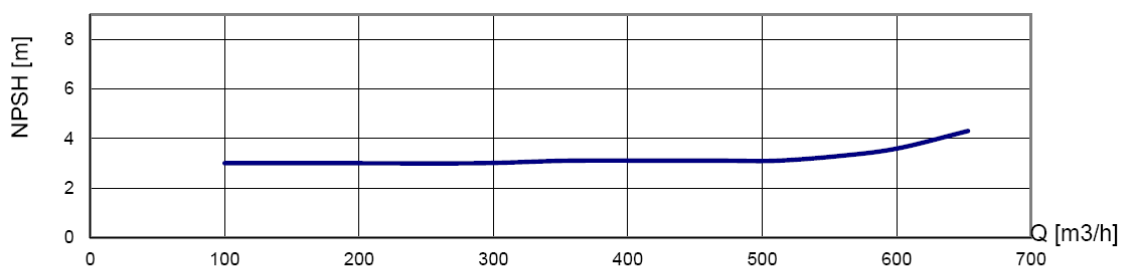
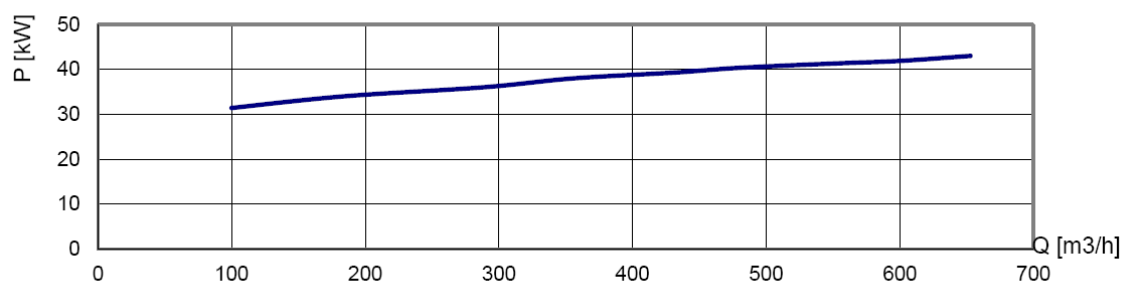
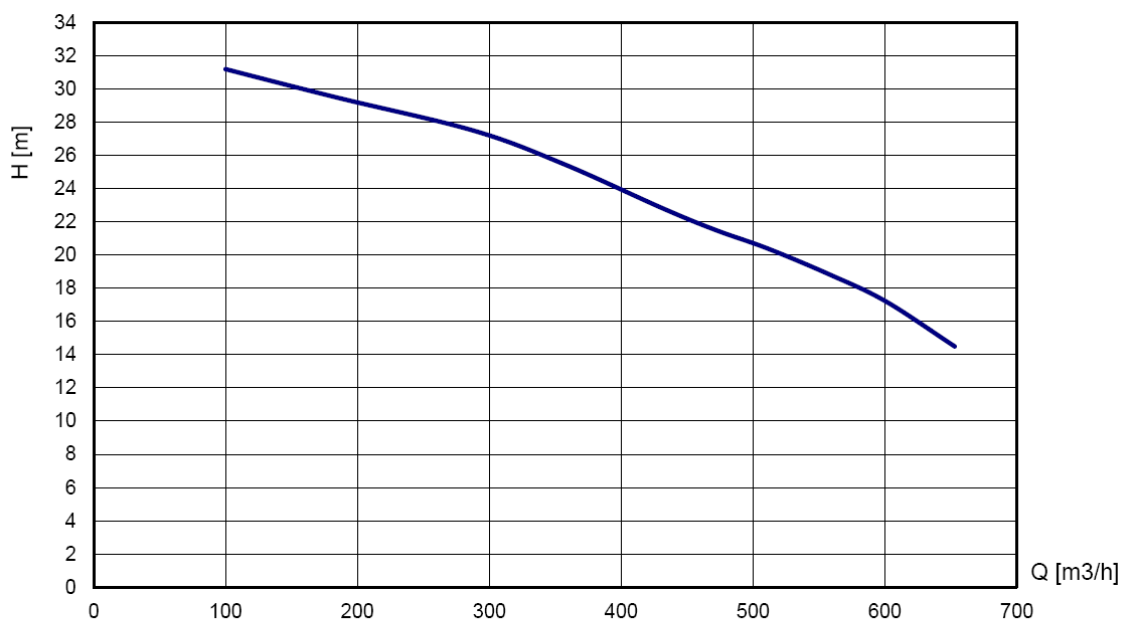
After sales service & product support

- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house



PERFORMANCE CURVES (1470 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA200E D328
Max. flow.....	650 m ³ /hour (2860 US GPM)
Max. head.....	31 mwc (102 feet)
Impeller type.....	Semi-open impeller
Solids handling.....	80 mm (3.15 inch)
Pump casing.....	Cast iron GG20
Impeller.....	Chrome Moly 42CrM04
Wear plate.....	Chrome Moly 42CrM04
Pump shaft.....	C45
Shaft seal.....	Mechanical seal
Seal faces.....	Tung/Sic
Seal rubbers.....	Viton

BBA priming system

Pump type.....	BBA MP100 Diaphragm pump
Air handling capacity.....	100 m ³ /h (59 cfm)
Max. vacuum.....	8.5 m (29 Hg)
Drive.....	3kW – 400V motor
Start/stop.....	Fully automatic
Float box.....	Aluminium
Non return valve.....	Cast iron GG25
Check valve disc.....	Buna-N

Electric motor

Motor brand.....	Hoyer
Motor type.....	HMC3 225M-4
Power kW (hp).....	45 kW
Rated Voltage.....	400/690V 50Hz
Current (I nom.).....	77 Amp
4-pole.....	1480 RPM
Efficiency.....	94.2%
IE3.....	EC Directive 2005/32

BBA control panel

- Portable hot dip galvanised frame
- Auto start/stop system
- Two float switches included (10 m cable)
- Plug for pressure transmitter
- Switch Manual-0-Auto
- Hour counter
- Soft starter package

BBA frame

Frame type.....	BF10-18
Dimensions L x W x H.....	1800 x 1040 x 1400 mm
Dimensions L x W x H.....	70.9 x 41 x 55 inch
Basic frame.....	Hot dip galvanised
Forklift pockets.....	Fitted with 2 forklift pockets
Lifting point.....	Fitted with single lifting point
Stackable.....	Frame is stackable
Connections.....	Please consult “auxiliary items” in overleaf





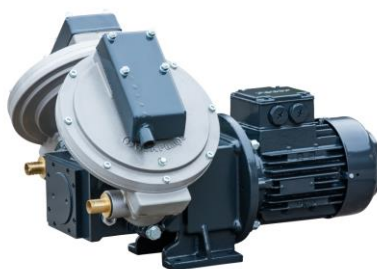
Semi-open impeller
Corrosion and abrasion resistant Chrome Moly (42CrM04) semi-open impeller.



Large inspection covers
Easy access to float box, impeller and non-return valve.



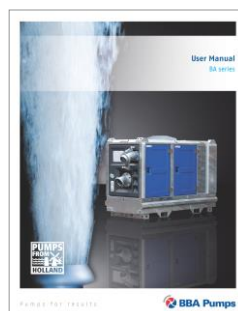
Easy inspection
Oil glasses, drain valves and fill plugs are all easily accessible.



Double vacuum pump
Diaphragm pump, air-cooled, water-resistant and oil-spillage free.
Air capacity of 100 m³ per hour.



4 Year limited warranty
The BBA limited warranty covers years or operating hours whichever occurs first. For more details please consult the BBA warranty book.



User Manual BA series
Extensive user manual with important information concerning the pump unit, pump installation and safety warnings. Available in several languages.

Pictures used are for illustration purposes only.

AUXILIARY ITEMS

Discharge connections

Art.nr.		Ø inch	Ø mm	Connection	
1516604209	30° flange DIN	8	200	Flange	
05080899	30° flange ANSI	8	200	Flange	
05080813	30° female (cup)	8	200	System B	
05080809	30° male (ball/lever)	8	200	System B	
05080895	30° male (ball/ring)	8	200	System IT	
05080898	30° female (cup/lever)	8	200	System IT	

Suction connections

Art.nr.		Ø inch	Ø mm	Connection	
17160295	0° flange K295 x K350	8-10	200-250	DIN Flange	
03811500	0° male (ball/ring)	8	200	System IT	
03811510	0° female (cup/lever)	8	200	System IT	
03811505	0° male (ball/ring)	10	250	System IT	
03811506	0° female (cup/lever)	10	250	System IT	

Suction hose with strainer L=5 metre

Art.nr.	Ø inch	Ø mm	Connection	
07047042	8	200	System IT female (cup/lever)	
07047057	8	200	Flange K295	
07047062	10	250	Flange K350	

Suction hose with strainer L=6 metre

Art.nr.	Ø inch	Ø mm	Connection	
07047043	8	200	System IT female (cup/lever)	
07047058	8	200	Flange K295	
07047063	10	250	Flange K350	

Recommended suction pipe (maximum velocity = 4 m/sec)

M3/H	US gallons	FLOW (L/sec)	4" 100	5" 125	6" 150	8" 200	10" 250	12" 300
324	1426	90	11.46	7.33	5.09	2.86	1.83	1.27
360	1585	100	12.73	8.15	5.66	3.18	2.04	1.41
403.2	1775	112	14.26	9.13	6.34	3.57	2.28	1.58
432	1902	120	15.28	9.78	6.79	3.82	2.44	1.70
468	2060	130	16.55	10.59	7.36	4.14	2.65	1.84
504	2219	140	17.83	11.41	7.92	4.46	2.85	1.98
540	2337	150	19.10	12.22	8.49	4.77	3.06	2.12
576	2536	160	20.37	13.04	9.05	5.09	3.26	2.26
612	2694	170	21.65	13.85	9.62	5.41	3.46	2.41
648	2853	180	22.92	14.67	10.19	5.73	3.67	2.55
684	3011	190	24.19	15.48	10.75	6.05	3.87	2.69