



Pump specifications:

Type.....BA150E D285
Max. flow460 m³/hour (2025 US GPM)
Max. pressure27 mwc (89 ft.)
Connections.....DN150 (6")
Solids handling80 mm (3,14")
ImpellerStainless steel impeller
Priming systemBBA MP50
EngineHatz 3L41C Silent Pack
Silent Pack.....Capsule reduces noise by 10 dB(A)
FrameTrailer frame

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 ballast and marine applications. Using high efficiency pumps and state-of-the-art diesel engines, the pumps offer maximum performance at minimal cost, fully in-sync with the company philosophy of "Lowest cost of ownership".

Sustainability

- High efficiency pumps minimising fuel consumption
- Emissions in accordance with the regulations in all continents except North America
- Powder coated frame
- 100% Oil-spill free priming system

Complete package designed & built by BBA Pumps

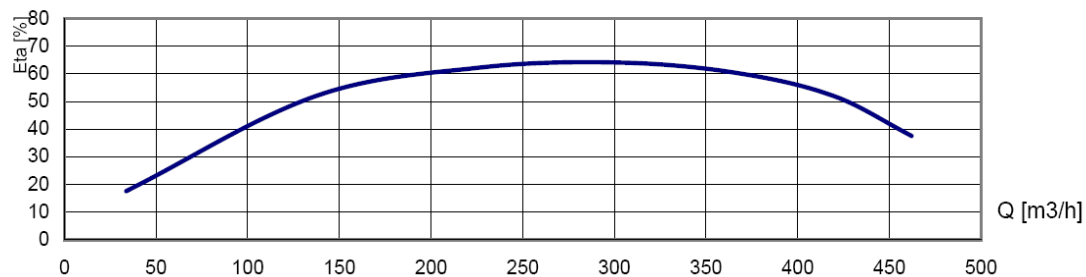
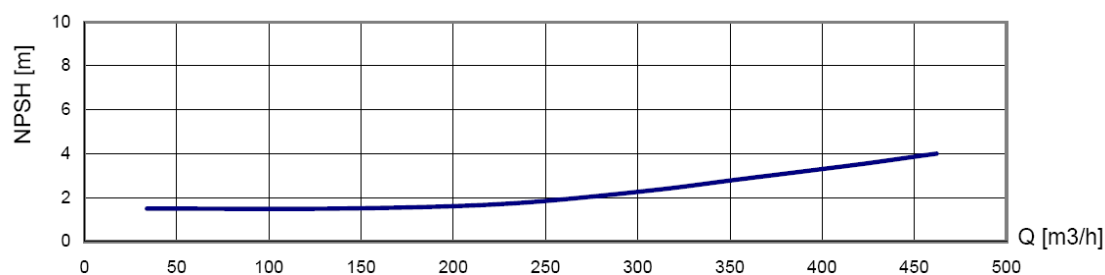
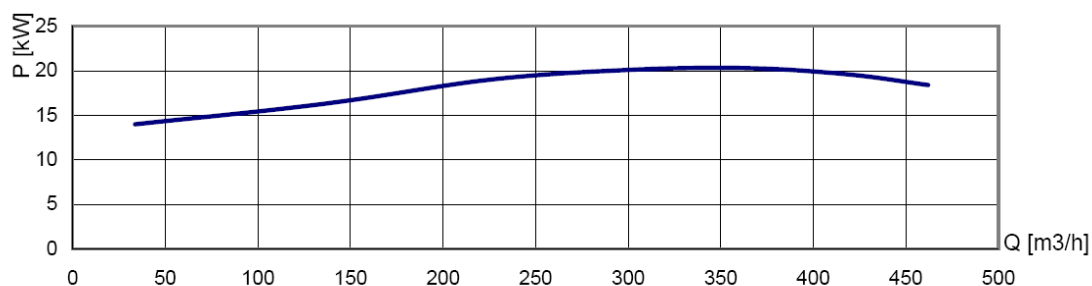
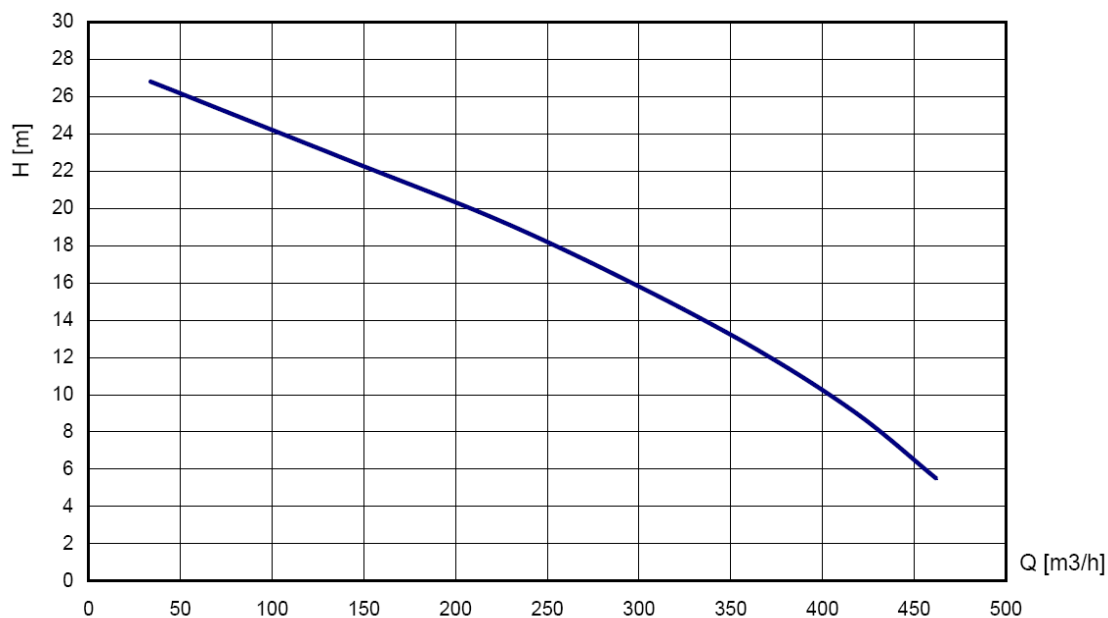
- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

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 (1500 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type.....	BA150E D285
Max. flow.....	460 m ³ /hour (2025 US GPM)
Max. head	27 mwc (89 feet)
Impeller type	Semi-open impeller
Solids handling	80 mm (3.14 inch)
Pump casing	Cast iron GG20
Impeller	Stainless steal 316
Wear ring	Stainless steal 316
Pump shaft.....	Stainless steal 316
Shaft seal.....	Mechanical seal
Seal faces	Tung/Sic
Seal rubbers	Viton



BBA priming system

Pump type.....	BBA MP50 Diaphragm pump
Air handling capacity	50 m ³ /h (30 CFM)
Max. vacuum	8.5 m (29 inHg)
Drive	Toothed belt (continuous drive)
Float box	Aluminium
Non return valve	Cast iron GG25
Check valve disc.....	Buna-N

Engine

Engine brand	Hatz
Engine type	3L41C Silent Pack
Flywheel power.....	21 kW (28 Hp)
Max. engine speed	1500 RPM
Fuel consumption	230 g/kWh
Displacement.....	2.5 l
Number of cylinders.....	3
Cooling system	Air cooled
Exhaust emission EU	Stage IIIA



Frame

Frame type.....	Trailer frame
Paint.....	Pump + trailer blue RAL5010
Fuel tank	120 L
Lifting point	Fitted with single lifting point
Connections.....	Please consult "auxiliary items"
Tires.....	3 rubber tires
Tow bar	Adjustable and fitted with tool handles



General

- Steel fuel tank 120 L. net (32 US Gallon)
- Fuel tank cap Ø 100 mm
- Mechanical fuel injection system
- Control panel with ignition key and hour counter

Electrical system & safety features

- Premium quality battery
- Low oil pressure shut down
- High temperature shut down
- Mechanical fan belt shut-off



Impeller/wear plate
Corrosion and abrasion resistant stainless steel 316 impeller, shaft and wear plate.



Priming system
Diaphragm pump, air-cooled, water-resistant and oil-spillage free. Air capacity of 50 m³ per hour.



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



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



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

Pictures used are for illustration purposes only.

AUXILIARY ITEMS

Discharge connections

Art.nr.		Ø inch	Ø mm	Connection	
05080873	30°	6	150	Flange K240	
1516604209	30°	8	200	Flange K295	
05080876	30° female (cup)	6	150	System B	
05080881	30° male (ball/lever)	6	150	System B	
05080877	30° male (ball)	6	150	System C	
05080882	30° female (cup/lever)	6	150	System C	

Suction connections

Art.nr.		Ø inch	Ø mm	Connection	
05080884	30°	6	150	Flange K240	
1516604208	30°	8	200	Flange K295	
05080889	30° female (cup)	6	150	System B	
05080890	30° male (ball/lever)	6	150	System B	
05080887	30° male (ball)	6	150	System C	
05080888	30° female (cup/lever)	6	150	System C	

Suction hose with strainer L=5 metre

Art.nr.	Ø inch	Ø mm	Connection	
07047054	6	150	Flange K240	
07047057	8	200	Flange K295	
07047007	6	150	System B male (ball/lever)	
07047037	6	150	System C female (cup/lever)	

Suction hose with strainer L=6 metre

Art.nr.	Ø inch	Ø mm	Connection	
07047055	6	150	Flange K240	
07047058	8	200	Flange K295	
07047008	6	150	System B male (ball/lever)	
07047038	6	150	System C female (cup/lever)	

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
252	1110	70	8.91	5.70	3.96	2.23	1.43	0.99
288	1268	80	10.19	6.52	4.53	2.55	1.63	1.13
324	1427	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	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	2061	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