

Diesel Driven Bentonite and Sludge Pump BV100 D260



BV auto prime pump

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

World-class performance

The BV range is built to be deployed on the most demanding drilling and bentonite 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".

KEY FEATURES

- Steel welded materials offers high wear resistance
- Basic mechanical pump concept
- MP100 oil-spill free priming system
- Easy clean floating box on the suction spool
- Large inspection covers for easy access
- Robust design

Complete package designed & built by BBA Pumps

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

PUMP SPECIFICATIONS

Type	BV100 D260
Max. Flow	165 m3/hour (726 US GPM)
Max. pressure	21 mwc (70 ft.)
Connections	DN 100 (4")
Solids handling	86 mm (3.38")
Impeller type	Open impeller
Priming system	BBA MP100
Engine Electric	22kW – 4 pole
Voltage	400/690V 50 Hz
Frame	BF10-18
Weight	Approx. 1000 kg (2200 lb)

After sales service & product support

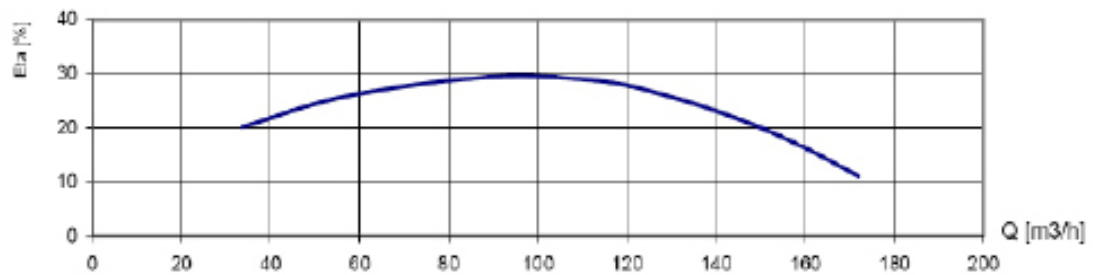
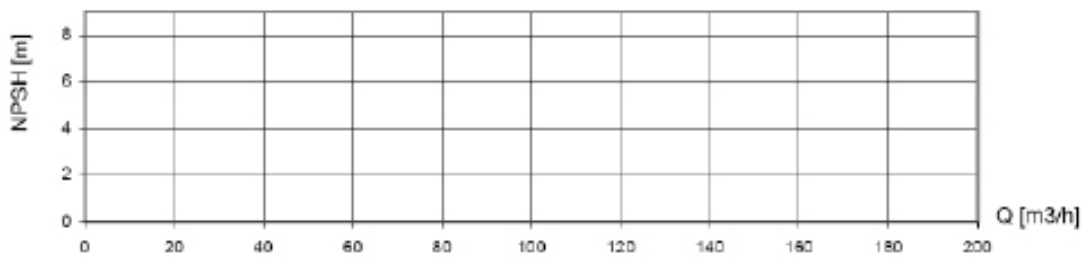
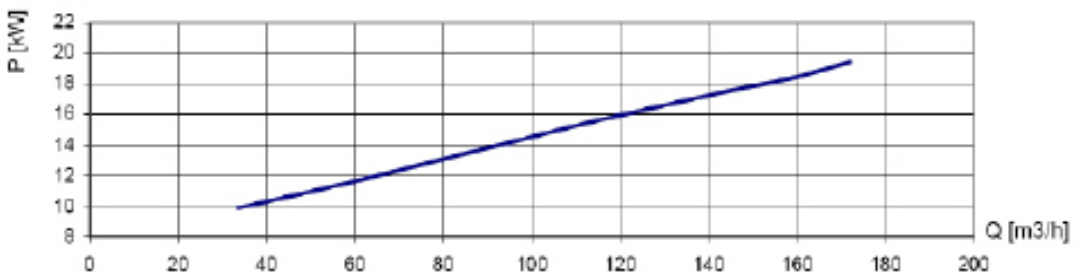
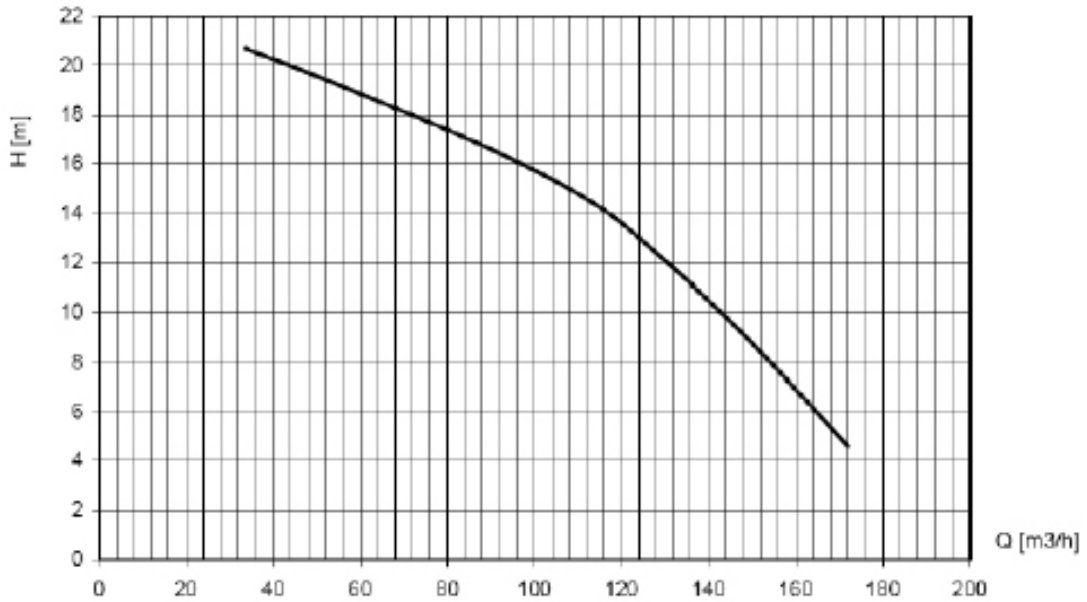
- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing available
- Extensive training options available (technical & commercial), on-site or in-house





Diesel Driven Bentonite and Sludge Pump BV100 D260

PERFORMANCE CURVES (1500 RPM)
Density: 998.3 kg/m³



Diesel Driven Bentonite and Sludge Pump BV100 D260

STANDARD TECHNICAL SPECIFICATIONS

BBA auto prime pump

Pump type	BV100 D260
Max. flow	165 m ³ /hour (726 US GPM)
Max. head	21 mwc (70 feet)
Impeller type	Open impeller
Solids handling	86 mm (3.38 inch)
Pump casing	Steel DIN 1.0036
Impeller	Steel DIN 1.0036
Wear plate	Steel DIN 1.0036
Pump shaft.....	Steel DIN 1.1191
Shaft seal	Mechanical seal
Seal faces	Tungsten/Tungsten
O-ring	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 inHg)
Drive	E-motor 400V
Float box	"Easy clean" hot dip galvanised
Non return valve	Steel DIN 1.0036
Check valve disc	Buna-N

Electric motor

Motor type	HMC3 180L-4
Power	22 kW (30 Hp)
Speed	1470 RPM
Voltage	400/690 V
Frequency	50 Hz
Poles	4
Mounting	B3
Protection	IP55
Efficiency	IE3



BBA stackable frame

Frame	Steel hot dip galvanised
Dimensions L x B x H	1800 x 1040 x 1400 mm
Dimensions L x B x H	70.9 x 40.9 x 55.1 inch
Lifting point	Fitted with single lifting point
Forklift pockets.....	Fitted with 2 forklift pockets
Control panel	With softstarter
Stackable	Frame is stackable



Diesel Driven Bentonite and Sludge Pump BV100 D260



Open impeller
Steel welded high abrasion resistant impeller and wear plate.



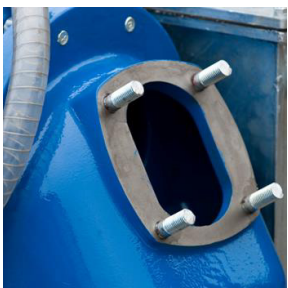
Double vacuum pump
Diaphragm pump,
air-cooled, water-resistant and oil-spillage free.
Air capacity of
100 m³ per hour.



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



Easy clean floating box
Fully galvanised floating
box with stainless steel
floater and easy
accessible.



Large inspection covers
Easy access to suction
spool, impeller and
nonreturn valve.



Interchangeable parts
Modular construction to
ensure minimal spare part
stock levels.

Pictures used are for illustration purposes only.

