

Pump specifications:

Type..... PT150 D180
 Design..... Direct Drive Design®
 Max. flow 90 m³/hour (396 US GPM)
 Max. pressure 20 mwc (66 ft.)
 Max. suction lift..... 9.6 mwc (32 ft.)
 Connections..... 4" or 6"
 Electric motor..... 7.5 kW – 4 pole
 Voltage 400/690V – 50Hz
 Stackable frame..... Hot dip galvanised
 Weight (net) 1175 kg (2585 lb.)

FEATURES

PT Wellpoint pump

The PT wellpoint pump has been designed for vertical- and horizontal dewatering applications. These positive displacement pumps are fully self-priming and are capable of handling air, water or any mixture of both without requiring a separate priming system. Furthermore, these pumps are capable of running dry indefinitely without causing damage or excessive wear to any part of the unit.

World-class performance

The PT pump package offers lowest cost of ownership and provides a reliable and durable solution to the challenges facing dewatering companies around the world. The technology has been tried and tested in the field and has revolutionised the vertical- and horizontal dewatering market on a global scale, by offering unmatched performance at minimal costs thereby improving the return on investment (ROI).

Key features PT Pumps

- Self-priming, no additional priming system required
- Excellent suction capabilities on all flows
- High pump efficiency
- Can run dry indefinitely
- Cheap and easy-to-replace wear parts
- 100% mechanical technology
- Extended unit life time
- Ergonomic design

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

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



STANDARD TECHNICAL SPECIFICATIONS

BBA double acting, duplex piston pump

Pump type.....	PT150 D180
Max. flow.....	90 m ³ /hour (396 US GPM)
Max. head.....	20 mwc (66 ft.)
Max. suction lift.....	9.6 mwc (32 ft.)
Speed (factory standard)	64 strokes/min
Pump casing.....	Cast iron GG20
Discharge valve cover	Aluminium
Inspection covers.....	Composite
Cylinder liners.....	Stainless steel Ø 180 mm
Piston cups	Leather
Piston rods.....	Stainless steel 304
Shaft seal.....	Gland packing
Valve rubbers.....	Stainless steel core with rubber layer
Valve seats®	Discharge composite – suction bronze
Drive	Direct Drive Design®
Measure equipment.....	2 vacuum gauges



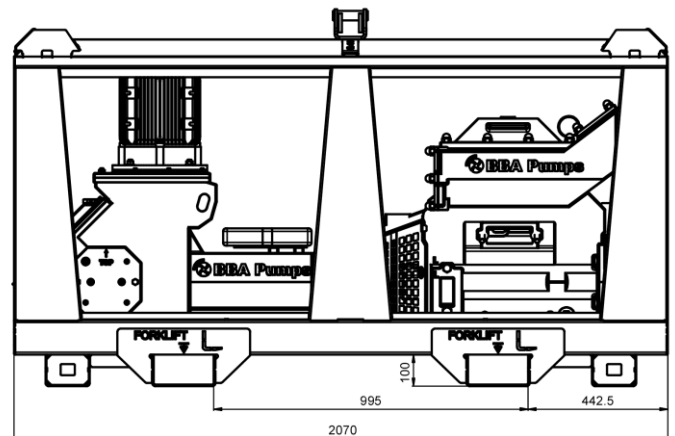
Electric motor

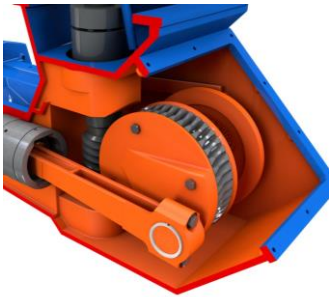
Motor type.....	HMA3 132M-4
Power.....	7.5 kW (10 Hp)
Speed	1460 RPM
Voltage.....	400/690 V
Frequency.....	50 Hz
Poles.....	4
Current at 400V	I nom. 14.5 Amp.
Protection.....	IP55
Efficiency	90.7%
Star-delta	Manual
Plug.....	5 pin - 32 Amp.



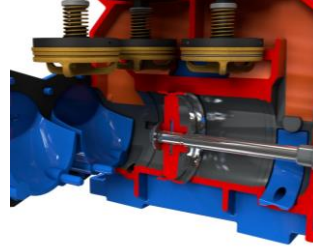
BBA stackable frame

Frame SF10-21	Steel hot dip galvanised
Dimensions L x W x H	2070 x 960 x 1200 mm
Dimensions L x W x H	81.5 x 37.8 x 47.2 inch
Lifting point	Fitted with single lifting point
Forklift pockets.....	Fitted with 2 forklift pockets
Motor rain cover.....	Steel hot dip galvanised
Documentation box.....	BBA user manual





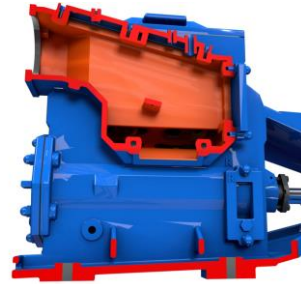
Direct Drive Design[®]
Precisely machined drive gears and an automatic lubrication system provide excellent efficiency and minimal sound emissions.



Exchangeable liners
The stainless steel cylinder liners can be rotated for extended service life. Fitted with a quick release system.



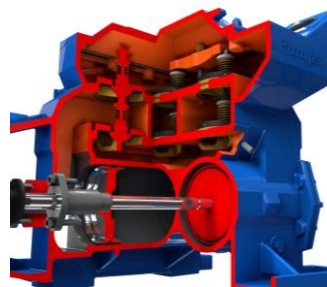
Easy access points
Allows access to the cylinders, valves, stuffing boxes and other critical areas for easy cleaning and maintenance.



Integrated stone catcher
To protect the pump internals from any suspended solids. The stone catcher has 4 inspection covers and comes with dual vacuum gauges to monitor pump performance.



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.




Excellent pump hydraulics
A patented suction valve seat and improved hydraulics guarantee the best pump efficiency and unbeatable vacuum build up.


Pictures used are for illustration purposes only.

AUXILIARY ITEMS

Discharge and suction connections

Art.nr.		Ø inch	Ø mm	Connection	
03111410	30° male (ball)	4	100	System C	
03111411	30° female (cup)	4	100	System B	
03111412	30° male (ball/lever)	4	100	System B	
05080877	30° male (ball)	6	150	System C	
05080876	30° female (cup)	6	150	System B	
05080881	30° male (ball/lever)	6	150	System B	

Digital flow meter

9808500225	<p>Siemens digital flow meter 230V</p> <ul style="list-style-type: none"> - Type MAG 5100W with transmitter MAG 6000 - Installation in compliance with Siemens guidelines (In wellpoint applications measure deviations are inevitable) 	
------------	---	--

BBA bronze valve seats®

9306000010	Valve seats kit, material bronze
------------	----------------------------------

Hour counter

3646804200	Hour counter 400V complete
------------	----------------------------