

BBA piston pump



Type: PT 90 E

6" electric driven on baseframe



General:

Cost of operation is one of the biggest concerns contractors have regarding their equipment. The BBA piston pump for well pointing, series PT is the solution.

Extremely efficient and packed with user benefits, the PT pumps are capable of operating for very long periods of time on a small amount of fuel. Plus, the pumps provide high air handling necessary on the toughest well point and sock applications.

The pump and motor are enclosed in the robust galvanized stackable frame, which protects the pump unit on working site. During transport the frames can be loaded 2 piece above each other. The PT series are self-priming, positive displacement piston pumps. Because of its efficient design, the pump is capable of operating with very low energy costs, dramatically reducing operational costs. The pumps also are environmentally friendly, sporting a double sealing piston rod which prevents any oil from entering the environment.

Applications:

This high efficient pump system is used for well point dewatering, under drain sock dewatering, filtered water transfers and remediation and reclamation.

Technical specifications:

Piston pump:

type	: double acting
flow max	: 90 m ³ /h
head max	: 20 m
suction lift max	: 9,2 m
cylinder size	: 175 mm
req. power	: 6,0 kW
pump speed	: 62 strokes/min
suction side	: 6" V-part incl. stone catcher
discharge side	: 6" V-part

Materials:

pump casing	: cast iron
cylinder liner	: stainless steel AISI 316
piston cup	: leather
piston rod	: stainless steel AISI 316
shaft seal	: gland packaging
O rings	: NBR

BBA Pumps BV

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Pumps for results

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Electric drive:

motor power : 7,5 kW
voltage : 400/690 Volt
speed : 1480 rpm - 4-pole
motor execution : IM 1001, IP 55, ISO F
start : start delta switch with
thermic protection
assembly : galvanized base frame
with central lifting
hook and protection cover
over the electric motor
noise level : 55 dBa at 10 m

Dimensions:

l x w x h : 2000 x 890 x 1145 mm
weight : 1140 kg



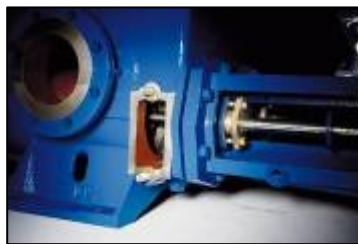
Special features:



Unrestricted dry running

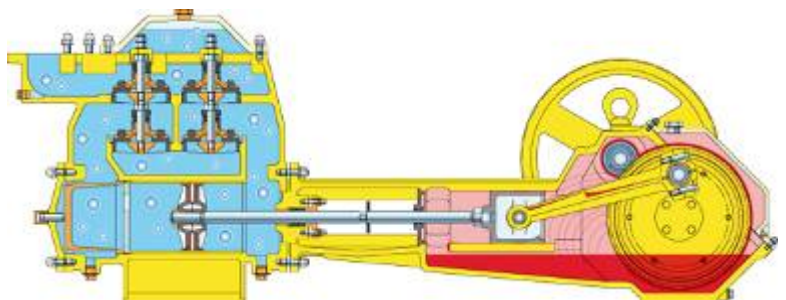
Simple exchanges cylinder liners, saves maintenance costs

Pump casing provided with cleaning covers, for simple and easy cleaning of cylinder liners and changing gland packaging



Easy to operate by everybody

Designed for life!



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