

# 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 <sup>3</sup> /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

Edisonstraat 12, 7006 RD  
P.O. Box 498, 7000 AL  
Doetinchem

## Pumps for results

Tel. (+31) 314 36 84 36  
Fax. (+31) 314 37 84 03

[www.bbapumps.com](http://www.bbapumps.com)  
[info@bbapumps.com](mailto:info@bbapumps.com)

1800 PUMP RENTAL

[nationalpump.com.au](http://nationalpump.com.au) | [sales@nationalpump.com.au](mailto:sales@nationalpump.com.au)



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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

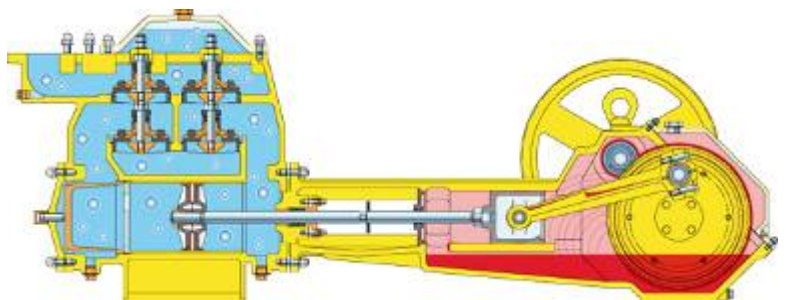
Simple exchanges cylinder liners, saves maintenance costs

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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Fax. (+31) 314 37 84 03

[www.bbapumps.com](http://www.bbapumps.com)  
[info@bbapumps.com](mailto:info@bbapumps.com)

**1800 PUMP RENTAL**

[nationalpump.com.au](http://nationalpump.com.au) | [sales@nationalpump.com.au](mailto:sales@nationalpump.com.au)



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