

BBA piston pump



Type: PT 90 HA

6" diesel driven in tank frame compact



General:

Cost of operation is one of the biggest concerns contractors have regarding their equipment. The BBA well pointing piston pump, also known as the PT Series, is therefore the best 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 offer a high air handling capacity necessary on the toughest well point and sock applications.

The pump and engine are installed on a fully galvanized compact tank frame with central lifting hook and integrated PE non corrosive fuel tank. The PT series are self-priming, positive displacement piston pumps. Because of its efficient design, the pump is using only 19 liters of fuel per day, extremely reducing fuel costs.

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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Diesel drive:

diesel motor : Hatz 1D81Z,
cooling : air cooled
cylinder : 1 cylinder
motor power : 7,2 kW at 1700 rpm
oil sump : 3,5 liter
start : electric 12 V incl. hour counter
fuel consumption : max 1,5 l/h
fuel tank : 180 liter, PE material
running hours : appr. 120 hrs
assembly : pump on tank frame
noise level : 77 dBa at 10 m

Dimensions:

l x w x h : 1800 x 900 x 1600 mm
weight : 1600 kg



Special features:



Unrestricted dry running

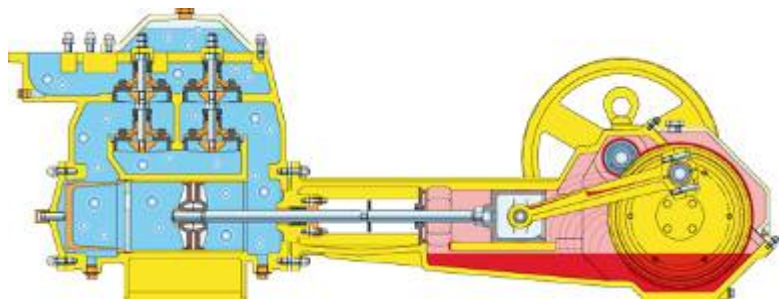
Easy to exchange Stainless Steel cylinder liners, saving maintenance costs

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



Easy to operate by anybody

Designed for life!



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