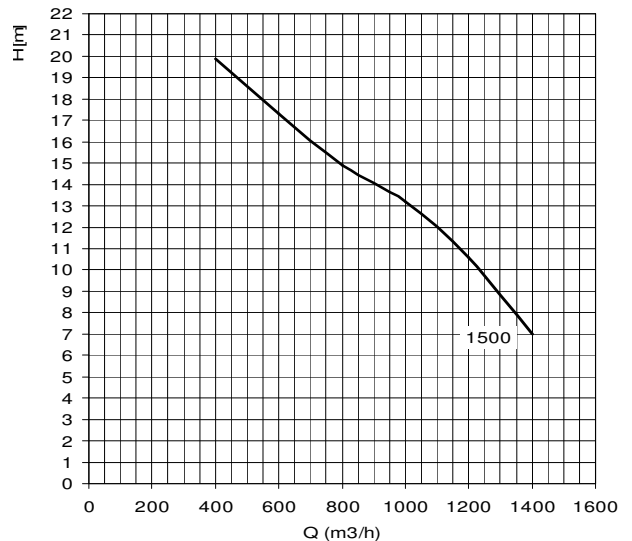


BBA auto prime contractor pumps



Type: BA 300 K300 DE GL

12" diesel driven in a sound absorbing canopy



General:

The BBA auto prime contractor pump BA 300 K300 (12") is a high robust centrifugal pump with flow capacity up to 1400 m³/h, total head up to 20 m and solid handling of 120 mm. The reliable and simple operated vacuum pump with mechanic float box enables a suction lift up to 8 m.

The Enduroseal® concept enables the mechanical seal running in an enlarged oil bath, suitable for continuous use even in intermediate flow situations. A pressure relief chamber behind the mechanical seal prevents water entering the drive of the pump unit.

The diesel driven BA pump in a sound absorbing canopy results in a noise level of 60 dBa at 10m. Suitable to operate even in residential areas. With the **E-slide®** system the pump unit can easily moved out of the canopy for quick inspection or maintenance purpose.

Applications:

This multi purpose pump system is used for sewage water by-passing, general construction, site-dewatering and as emergency pump.

Technical specifications:

Centrifugal pump:

impeller type : two channel
flow : 1400 m³/h
head : 20 m
impeller size : 300 mm
free passage : 120 mm
req. power : 64,5 kW
pump speed : 1500 rpm
connections : DN 300

Materials:

pump casing : cast iron GG 25
impeller : cast iron GG 30
pump shaft : steel DIN 1.1191
shaft seal : mechanical seal
seal faces : tungsten carbide
O ring : Viton

Vacuum pump:

pump type : diaphragm
air capacity : 100 m³/h
max vacuum : 8 m
drive : tooth-belt driven

Materials:

diaphragm : NBR
valves : NBR
float box : aluminium
floater : stainless steel
non return valve : cast iron GG 25

BBA Pumps BV

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Pumps for results

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BBA auto prime contractor pumps



Type: BA 300 K300 DE GL

12" diesel driven in a sound absorbing canopy

Diesel drive:

diesel motor : Deutz TCD2012L04
cooling : water cooled
cylinder : 4 cylinder
motor power : 72,0 kW at 1500 rpm
start : electric 24 V incl. hour counter
fuel tank : 300 liter
assembly : in a galvanized canopy,
with **E-slide** system
lockable doors, PE fuel tank
noise level : 60 dBa at 10 m

Dimensions:

l x w x h : 4000 x 1210 x 2450 mm
weight : 4800 kg



Optional:

auto level control:

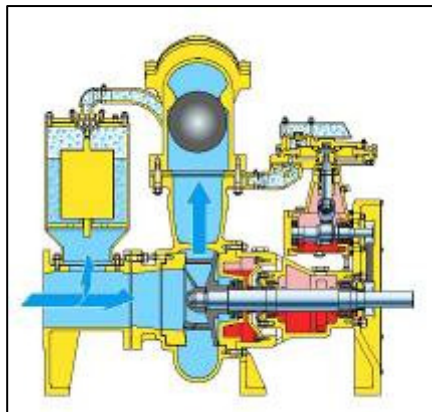
automatic start-stop device
with two float switches
auto-O-manual, incl. hour counter

fast tow trailer mounted:

pump unit on a 4 wheel
fast tow trailer



How it works:



After starting the unit, the vacuum pump starts priming air out of the suction line. A non-return valve shuts off the discharge side. As soon as the water is primed, the float closes the vacuum pump connection and the centrifugal pump starts pumping water.



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Pomptype / Pumpentyp / Pump type : **BA300 K300**

Toerental / Drehzahl / Speed : **1500rpm**

Waaier / Laufrad / Impeller : **300 mm.**

Slijtplaat / Verschleissplatte / Wear plate : **-**

Vrije doorlaat / Freier Durchgang / Free passage : **120mm**

Zuig / Saug / Suction : **DN350**

Pers / Druck / Discharge : **DN300**

