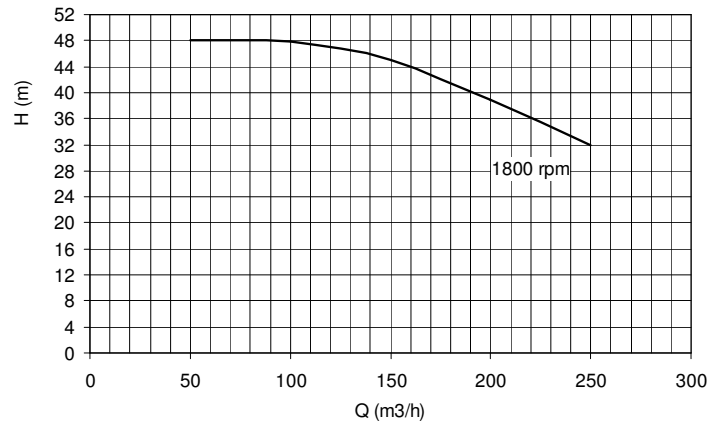


BBA auto prime contractor pumps



Type: BA-C 100H1 D305 HA GL
4" diesel driven in a sound absorbing canopy



General:

The BBA auto prime contractor pump BA-C 100H1 is a high robust dieselmotor pumpset with a flow capacity up to 240 m³/h, total head up to 48 m and solid handling of 15 mm. It combines an extremely high efficient centrifugal pump and state-of-the-art dieselmotorpump design. The reliable and simple operated BBA vacuum pump with mechanic float box enables a suction lift up to 8 m. The patented Cyclo-seal system makes the pump suitable for continuous use even in intermediate flow situations. The diesel driven BA-C 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 be moved out of the canopy for quick inspection or maintenance purpose. The high efficient BA-C pumps fully meet today's requirements on low energy and maintenance costs.

Applications:

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

Technical specifications:

Centrifugal pump:

impeller type : closed impeller
flow max : 240 m³/h
head max : 48 m
impeller size : 305 mm
free passage : 15 mm
req. power : 35 kW
pump speed : 1800 rpm
max speed : 1800 rpm
connections : suction DN 150
: discharge DN 100

Materials:

pump casing : cast iron GG 30
impeller : cast iron GG 30
pump shaft : steel SAE 1144
shaft seal : mechanical seal
seal faces : tungsten carbide /
silicium carbide
O ring : Viton

Vacuum pump:

pump type : diaphragm
air capacity : 50 m³/h
max vacuum : 8 m
drive : tooth-belt driven

Materials:

diaphragm : NBR
valves : NBR
float box : aluminium coated
floater : stainless steel 1.4301
non return valve : cast iron GG 25

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

Pumps for results
Tel. (+31) 314 36 84 36
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www.bbapumps.com
info@bbapumps.com

BBA auto prime contractor pumps



Type: BA-C 100H1 D305 HA GL
4" diesel driven in a sound absorbing canopy

Diesel drive:

diesel motor : Hatz 4M41
cooling : air cooled
cylinder : 4 cylinder
motor power : 37 kW at 1800 rpm
start : electric 12 V incl. hour counter
fuel tank : 300 liter
assembly : in a galvanized canopy,
lockable doors,
oil-water separator
noise level : 60 dBA at 10 m

Dimensions:

l x w x h : 2500 x 1210 x 1960 mm



Optional:

auto level control:

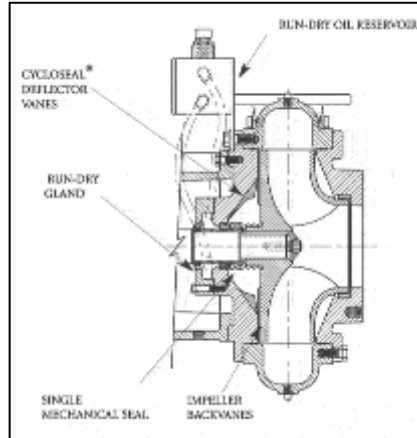
automatic start-stop device
with two float switches
auto-O-manual, incl. hour counter



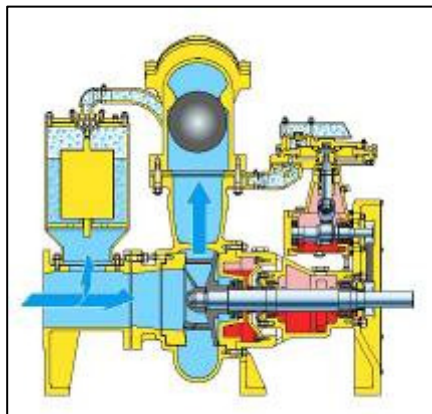
Standard:

Cycloseal ®

The cycloseal creates a Cyclo-action, which removes materials from the seal area, extending seal life and eliminating any need for venting or water flushing



Working principle:



The vacuum diaphragm pump primes the air from the suction side. A non return valve in the discharge side prevents priming from this side. As soon as the water is primed, the floater closes the connection to the vacuum pump. The highly efficient centrifugal pump starts pumping.

Pomptype / Pumpentyp / Pump type : **BA-C 100H1D305**

Toerental / Drehzahl / Speed : **1800rpm**

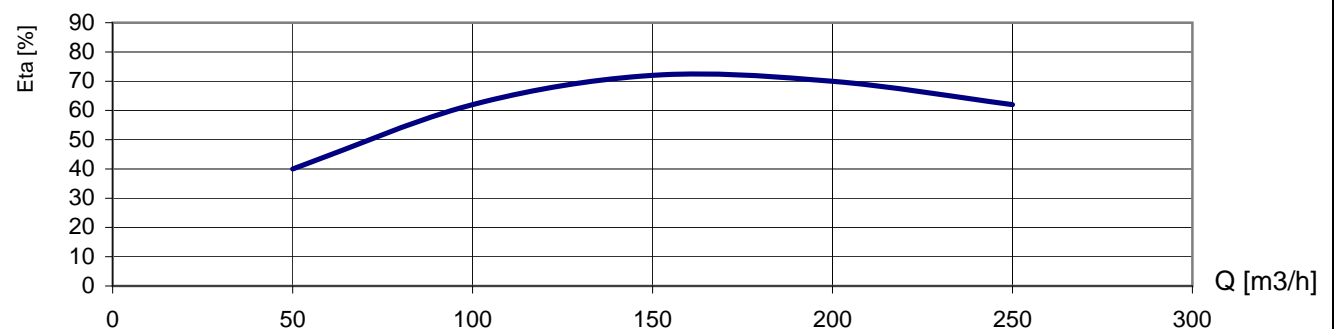
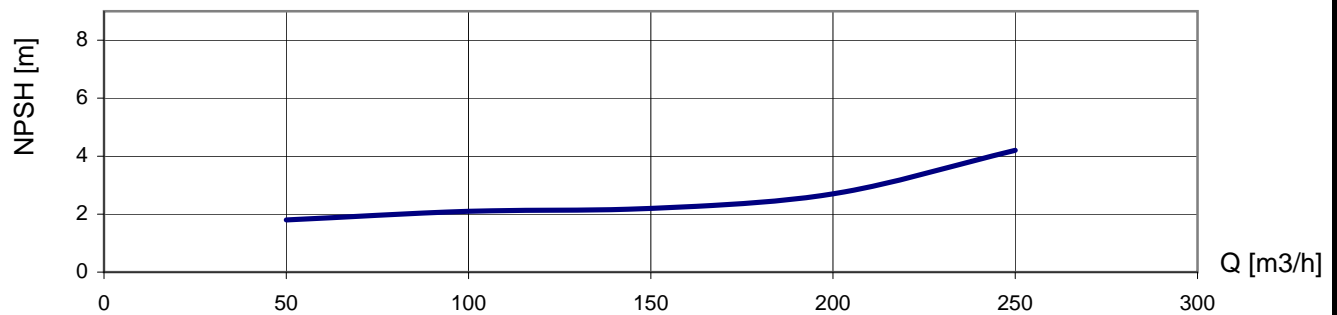
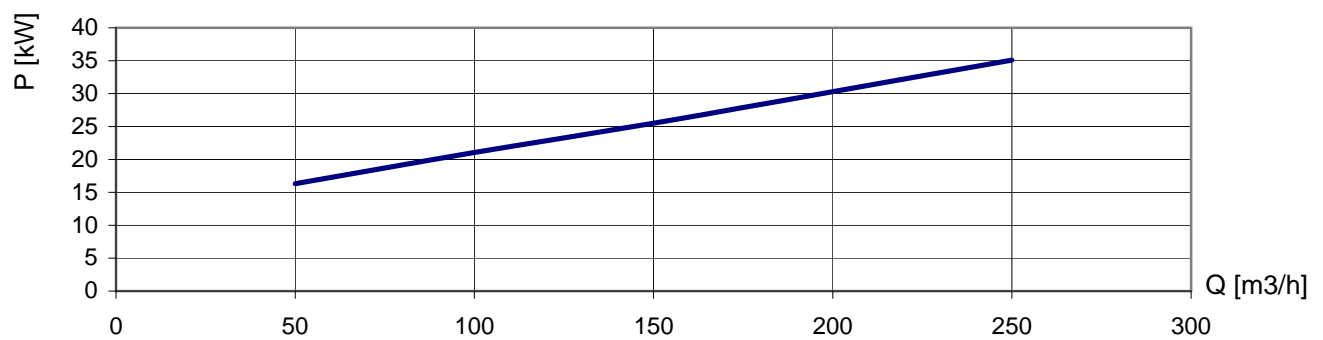
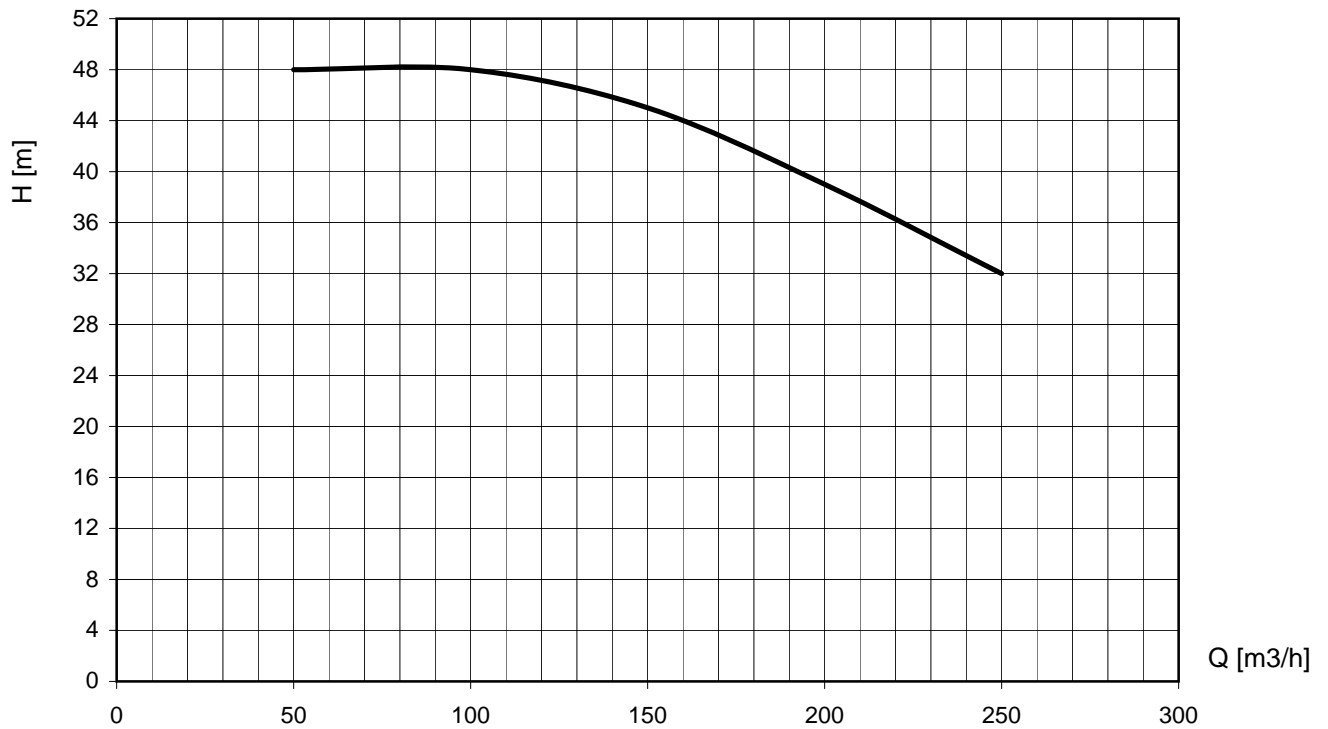
Waaier / Laufrad / Impeller : **305mm**

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

Vrije doorlaat / Freier Durchgang / Free passage : **15mm**

Zuig / Saug / Suction : **DN150**

Pers / Druck / Discharge : **DN100**



Pomptype / Pumpentyp / Pump type : **BA-C 100H1D305**

Toerental / Drehzahl / Speed : **1800rpm**

Waaier / Laufrad / Impeller : **305mm / 12"**

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

Vrije doorlaat / Freier Durchgang / Free passage : **15mm / 1/2"**

Zuig / Saug / Suction : **DN150**

Pers / Druck / Discharge : **DN100**

