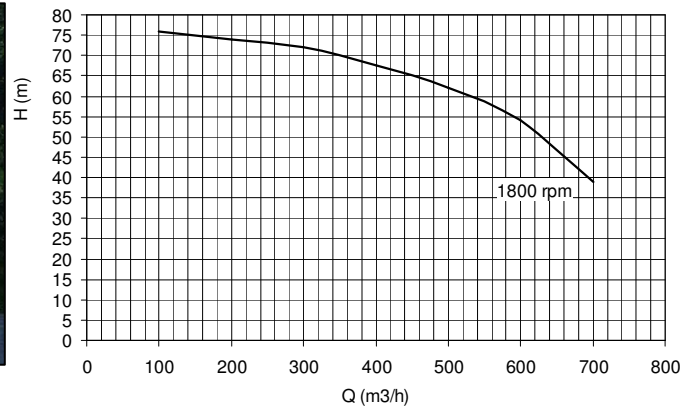


BBA auto prime contractor pumps



Type: BA-C 200H42 D381 VO GL

8" diesel driven in a sound absorbing canopy



General:

The BBA auto prime contractor pump BA-C 200H42 D381 is a high robust dieselmotor pumpset with a flow capacity up to 700 m³/h, total head up to 78 m and solid handling of 50 mm. It combines an extremely high efficient centrifugal pump and state-of-the-art dieselmotor pump 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 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 : 700 m³/h
head max : 78 m
impeller size : 381 mm
free passage : 50 mm
req. power : 136 kW
pump speed : 1800 rpm
max speed : 1800 rpm
connections : suction DN 250
: discharge DN 150

Materials:

pump casing : cast iron GGG 70
impeller : bronze
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

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www.bbapumps.com
info@bbapumps.com

BBA auto prime contractor pumps



Type: BA-C 200H42 D381 VO GL
8" diesel driven in a sound absorbing canopy

Diesel drive:

diesel motor : Volvo TAD750VE
cooling : air to air intercooling
cylinder : 6 cylinder
motor power : 176 kW at 1800 rpm
start : electric 12 V incl. hour counter
fuel tank : 300 liter
assembly : pump outside on a frame,
engine in a galvanized
canopy, lockable doors,
oil-water separator
noise level : 60 dBA at 10 m

Dimensions:

l x w x h : 4500 x 1500 x 2510 mm



Optional:

auto level control:

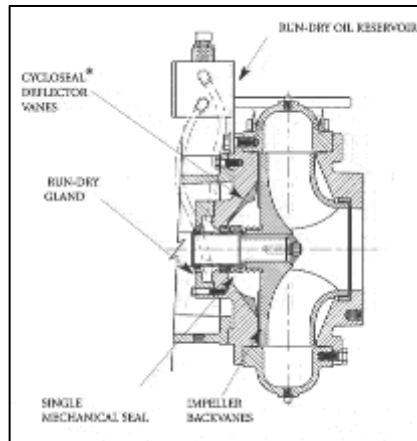
automatic start-stop device
with two float switches
auto-O-manual, incl. hour counter



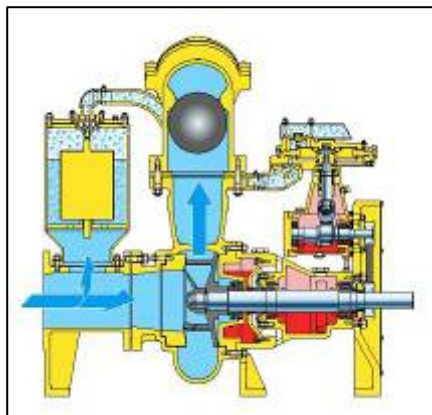
Standard:

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.

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Pomptype / Pumpentyp / Pump type : BA-C 200H42D381

Toerental / Drehzahl / Speed : 1800rpm

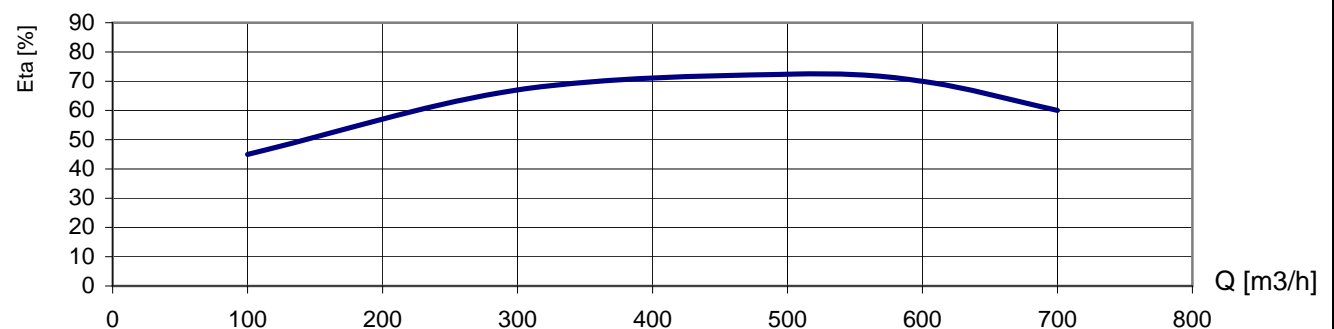
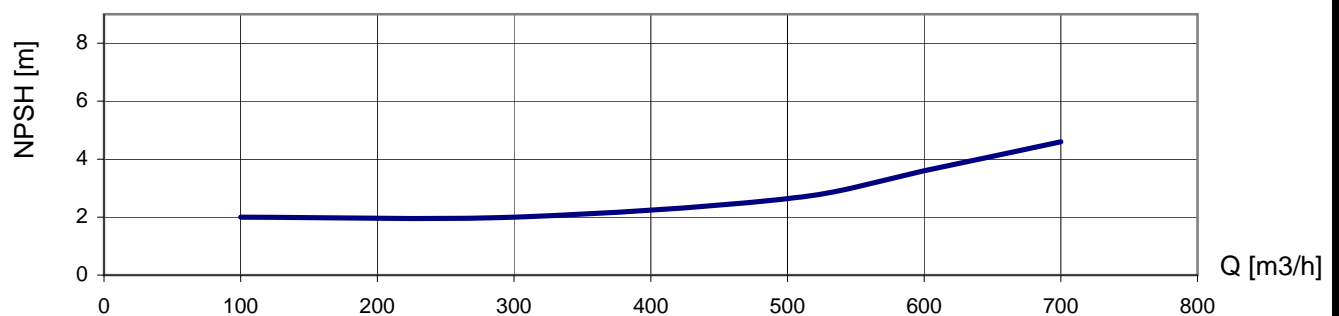
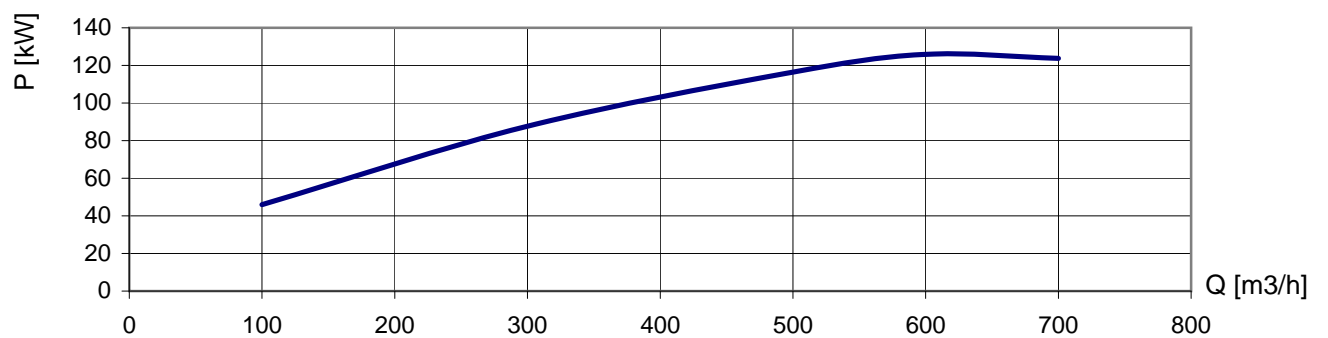
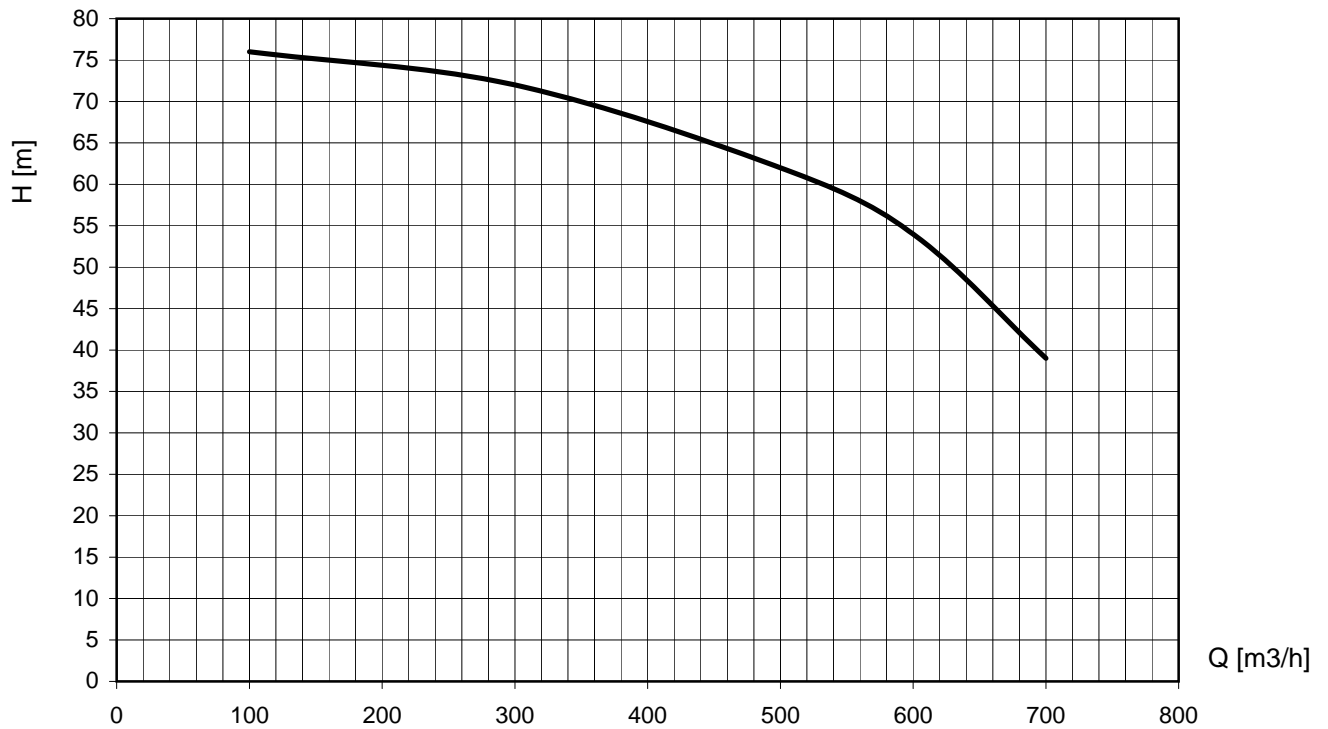
Waaier / Laufrad / Impeller : 381 mm

Slijtplaat / Verschleissplatte / Wear plate : -

Vrije doorlaat / Freier Durchgang / Free passage : 50mm

Zuig / Saug / Suction : DN250

Pers / Druck / Discharge : DN150



Pomptype / Pumpentyp / Pump type

: BA-C 200H42D381

Toerental / Drehzahl / Speed

: 1800rpm

Waaier / Laufrad / Impeller

: 381mm / 15"

Slijtplaat / Verschleissplatte / Wear plate

: -

Vrije doorlaat / Freier Durchgang / Free passage

: 50mm / 2"

Zuig / Saug / Suction

: DN250

Pers / Druck / Discharge

: DN150

