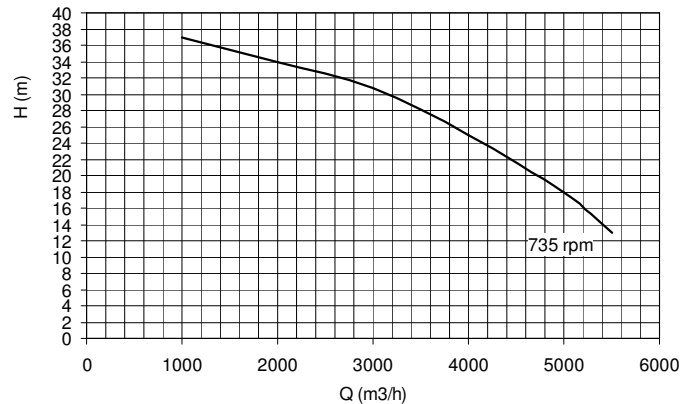


BBA auto prime contractor pumps



Type: BA-C 500S11 D711 VO GL

20" diesel driven in a sound absorbing canopy



General:

The BBA auto prime contractor pump BA-C 500S11 D711 is a high robust dieselmotor pumpset with a flow capacity up to 5500 m³/h, total head up to 39 m and solid handling of 127 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 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 sewage water by-passing, general construction, site-dewatering and as emergency pump.

Technical specifications:

Centrifugal pump:

impeller type : channel impeller
 flow max : 5500 m³/h
 head max : 39 m
 impeller size : 711 mm
 free passage : 127 mm
 req. power : 320 kW
 pump speed : 750 rpm
 max speed : 750 rpm
 connections : suction DN 600
 : discharge DN 500

Materials:

pump casing : cast iron GG 20
 impeller : cast iron GG 20
 pump shaft : steel SAE 1144
 shaft seal : mechanical seal Cyclo seal
 seal faces : tungsten carbide /
 silicium 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 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
 Fax. (+31) 314 37 84 03

www.bbapumps.com
 info@bbapumps.com

BBA auto prime contractor pumps



Type: BA-C 500S11 D711 VO GL

20" diesel driven in a sound absorbing canopy

Diesel drive:

diesel motor : Volvo TAD1643VE
cooling : liquid cooled
cylinder : 6 cylinder
motor power : 400 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 : 6060 x 2450 x 2600 mm



Optional:

auto level control:

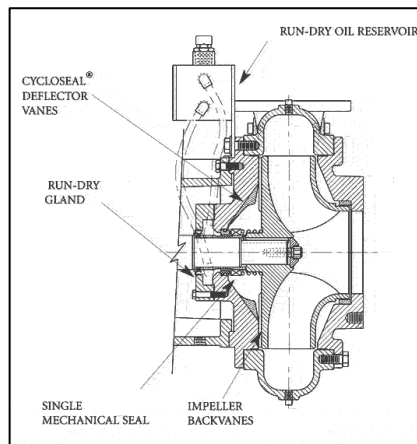
automatic start-stop device
with two float switches
auto-O-manual, incl. hour counter



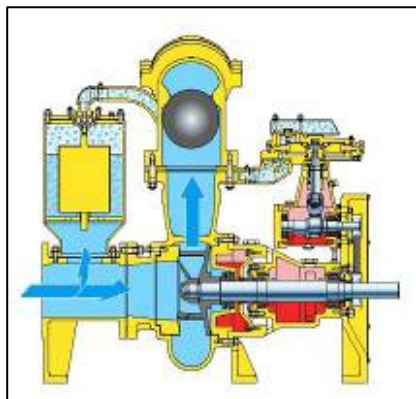
Standard:

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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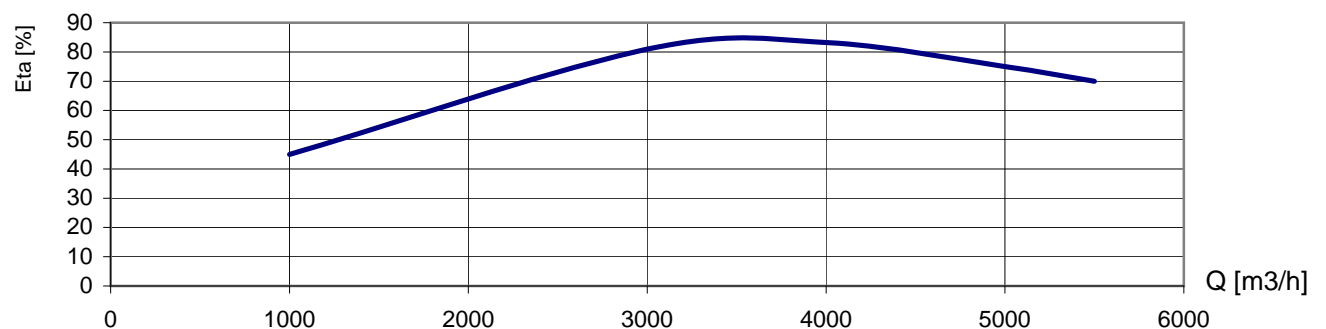
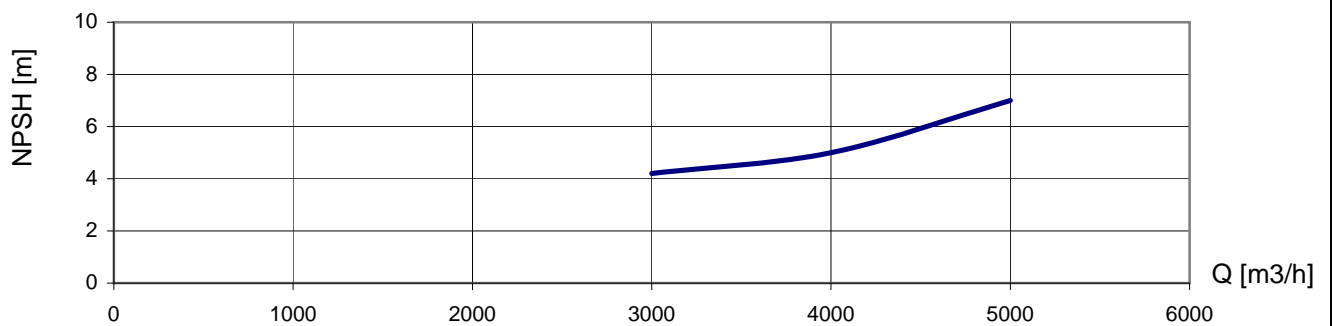
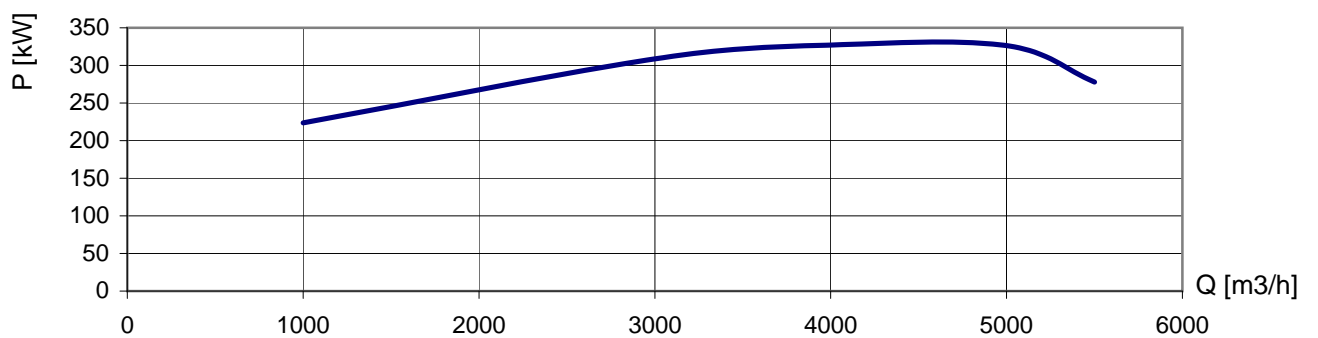
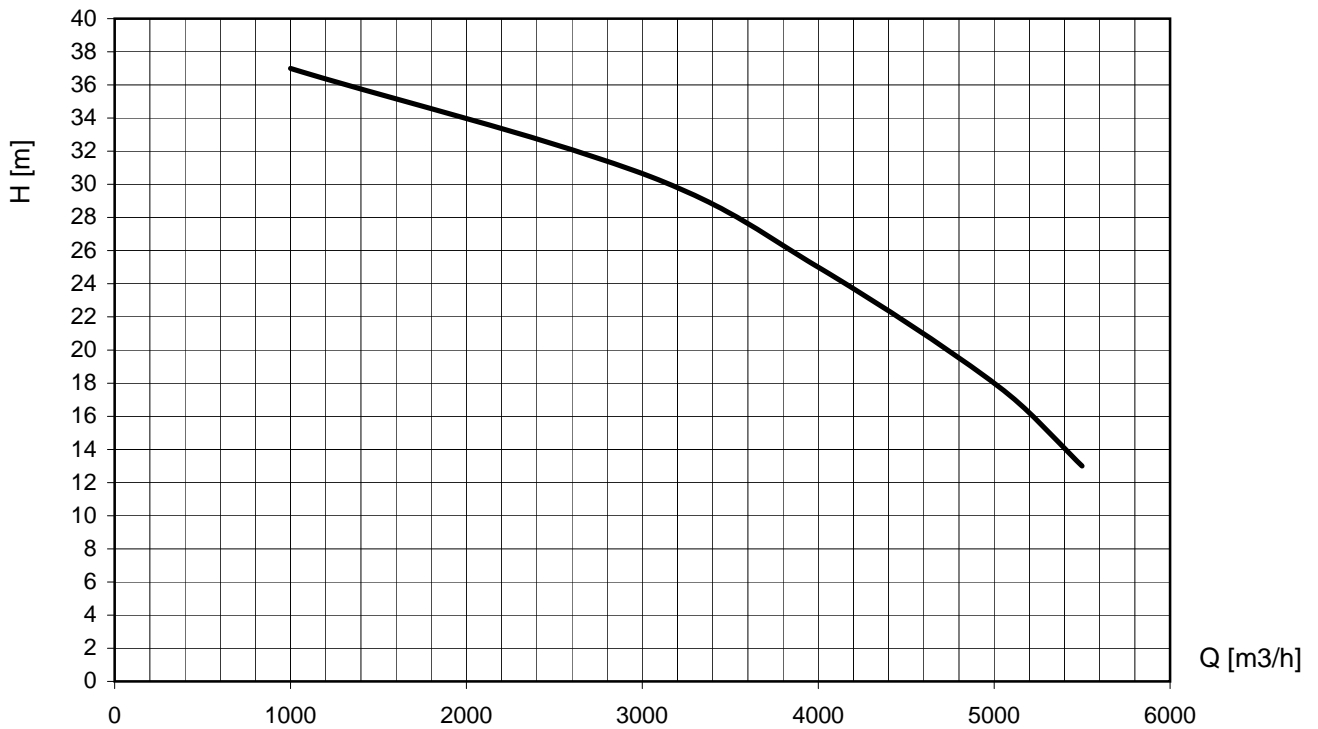
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info@bbapumps.com

Pomptype / Pumpentyp / Pump type : **BA-C 500S11D711**

Toerental / Drehzahl / Speed : **735rpm**
 Waaier / Laufrad / Impeller : **711mm**
 Slijtplaat / Verschleissplatte / Wear plate : **-**
 Vrije doorlaat / Freier Durchgang / Free passage : **127mm**
 Zuig / Saug / Suction : **DN600**
 Pers / Druck / Discharge : **DN500**



Pomptype / Pumpentyp / Pump type

: BA-C 500S11D711

Toerental / Drehzahl / Speed

: 735rpm

Waaier / Laufrad / Impeller

: 711mm / 28"

Slijtplaat / Verschleissplatte / Wear plate

: -

Vrije doorlaat / Freier Durchgang / Free passage

: 127mm / 5"

Zuig / Saug / Suction

: DN600

Pers / Druck / Discharge

: DN500

