

# BBA self-priming centrifugal pumps

Type: **B 150 BVGSMC**  
6" cast iron pump unit



## General:

The BBA self-priming centrifugal pump B 150 (6") is a robust centrifugal pump with flow capacity up to 340 m<sup>3</sup>/h, total head up to 32 m and solid handling of 40 mm.

The construction with open impeller, changeable wear plate and large cleaning covers enables to pump clean or polluted liquids. The pump in cast iron, bronze or stainless steel is used in a wide range of markets.

## Applications:

Marine, industry, construction, irrigation, waste water, agriculture and horticulture.

## Technical specification:

### Pump:

model : **B 150 BVGSMC**  
max. flow : 340 m<sup>3</sup>/h  
max. head : 32 m  
impeller size : 254 mm  
free passage : 40 mm  
pump speed : 1500 rpm  
connections : DN 150

### Electric drive:

motor power : 30.0 kW – 4 pole  
voltage : 3 ph 400/660 Volt  
motor execution : IP 55, ISO F  
assembly : with coupling and  
motor on a base frame  
weight : 818 kg

### Materials:

pump casing : steel st37 – 1.0036  
head : cast iron GG 20 – 0.6020  
wear plate : steel st37 – 1.0036  
impeller : cast iron GG 40 – 0.6040

shaft seal : mechanical seal  
seal faces : TC / TC / Viton  
pump shaft : steel C45 – 1.1191  
fixing material : steel 8.8 el. galvanised  
gaskets : NBR / Paper

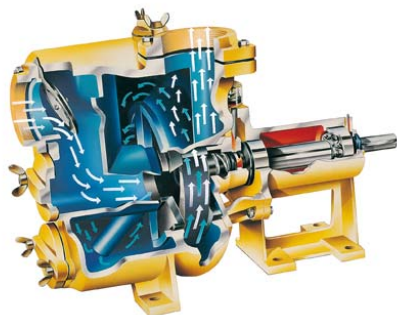
## Options B- series:

### Mechanical seals:

MG1 seal sic/sic/EPDM  
TW seal graphite /ceramic/nitril  
graphite /ceramic/nitril  
t. carbide/t. carbide/viton

### Gaskets:

NBR (Perbunan)  
Viton (FPM)  
EPDM  
Teflon (PTFE)



### Extras:

+F Din Flanges  
+FK Din Flanges s.s.316  
+BI impeller: bronze; shaft: s.s. 316  
+BII impeller-wear plate: bronze; shaft: s.s. 316  
+KI impeller-shaft: s.s. 316  
+KII impeller-wear plate-shaft: s.s. 316  
+P perma grease cartridge  
+VP grease glass (= including pump unit)  
+T trolley  
60 Hz motor 440 V – 60 Hz

**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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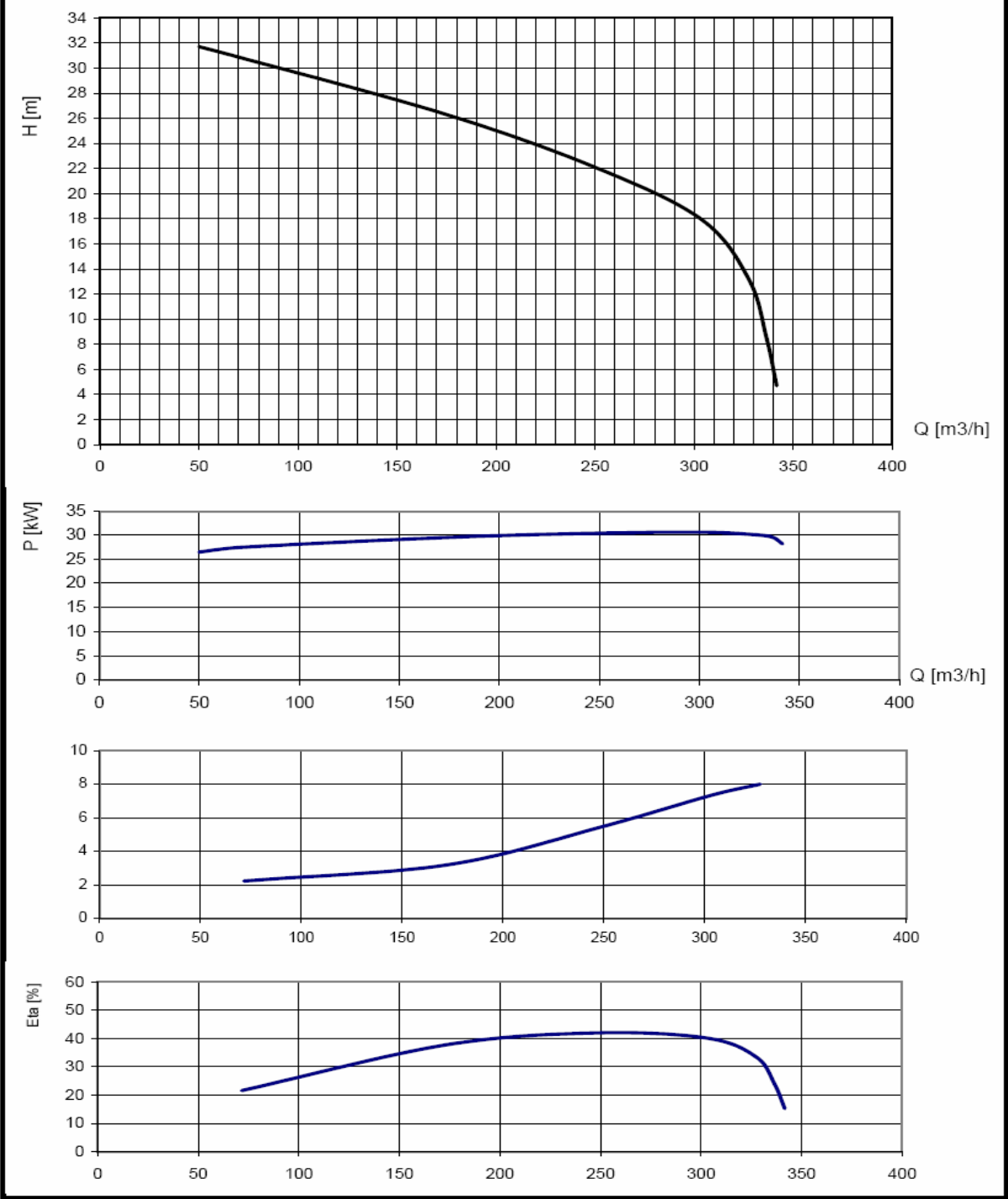
www.bbapumps.com  
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|                                                  |                        |                                                                                     |
|--------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
| Pomptype / Pumpentyp / Pump type                 | : <b>B150 G</b>        |  |
| Toerental / Drehzahl / Speed                     | : <b>1475 rpm</b>      |                                                                                     |
| Waaier / Laufrad / Impeller                      | : <b>"open" 355 mm</b> |                                                                                     |
| Slijtplaat / Verschleissplatte / Wear plate      | :                      |                                                                                     |
| Vrije doorlaat / Freier Durchgang / Free passage | : <b>40 mm</b>         |                                                                                     |
| Zuig / Saug / Suction                            | : <b>DN 150</b>        |                                                                                     |
| Pers / Druck / Discharge                         | : <b>DN 150</b>        |                                                                                     |



International standard ISO 9906 Grafiek / Kennlinie / Curve: **2003172**

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