

BBA self-priming centrifugal pumps

Type: **B 85S2 BVGSMC**
3" cast iron pump unit



General:

The BBA self-priming centrifugal pump B 85S2 (3") is a robust centrifugal pump with flow capacity up to 78 m³/h, total head up to 44 m and solid handling of 14 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 85S2 BVGSMC**
max. flow : 78 m³/h
max. head : 44 m
impeller size : 219 mm
free passage : 14 mm
pump speed : 2900 rpm
connections : 3" BSP

Electric drive:

motor power : 11.0 kW – 2 pole
voltage : 3 ph 400/660 Volt
motor execution : IP 55, ISO F
assembly : with coupling and
motor on a base frame
weight : 256 kg

Materials:

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

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

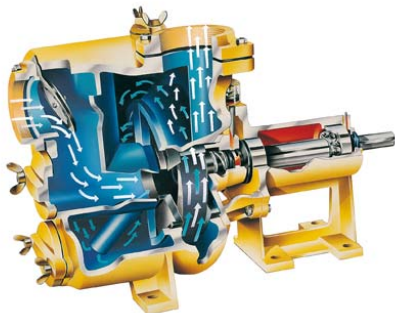
Options B- series:

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
Fax. (+31) 314 37 84 03

www.bbapumps.com
info@bbapumps.com

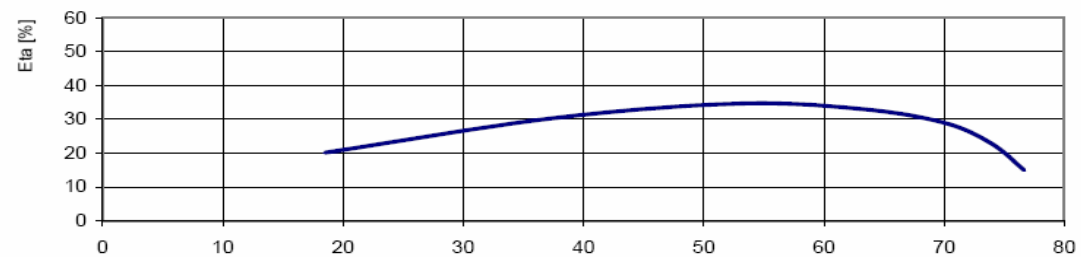
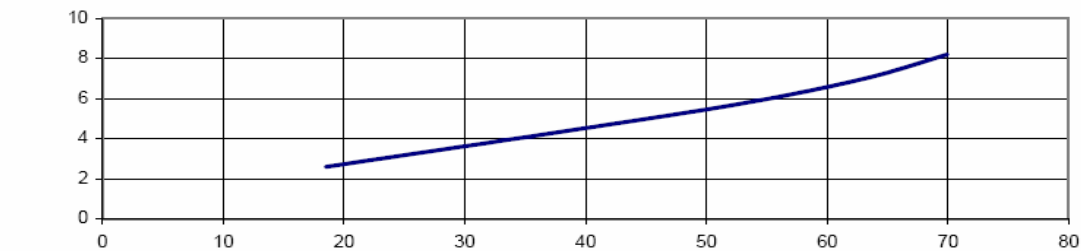
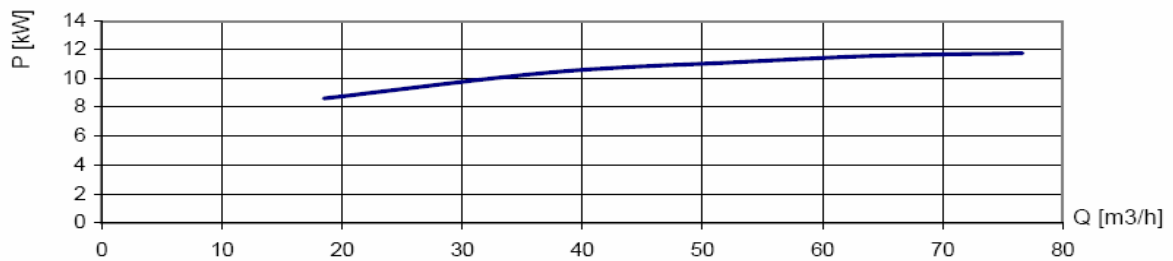


BBA self-priming centrifugal pumps

Type: **B 85S2 BVGSMC**
3" cast iron pump unit



Pomptype / Pumpentyp / Pump type	: B85 S2
Toerental / Drehzahl / Speed	: 2900 rpm
Waaier / Laufrad / Impeller	: "open" 219 mm
Slijtplaat / Verschleissplatte / Wear plate	: + (27,5 mm)
Vrije doorlaat / Freier Durchgang / Free passage	: 14 mm
Zuig / Saug / Suction	: 3"
Pers / Druck / Discharge	: 3"



International standard ISO 9906 Grafiek / Kennlinie / Curve: **2003069**

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 self-priming centrifugal pumps

Type: **B 85S2 BVGSMC**
3" cast iron pump unit

