

# BBA self-priming centrifugal pumps

Type: **B 200S3 BVGSMC**  
8" cast iron pump unit



## General:

The BBA self-priming centrifugal pump B 200S2 (8") is a robust centrifugal pump with flow capacity up to 400 m<sup>3</sup>/h, total head up to 20 m and solid handling of 50 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>B 200S3 BVGSMC</b>
max. flow	: 400 m <sup>3</sup> /h
max. head	: 20 m
impeller size	: 303 mm
free passage	: 50 mm
pump speed	: 1500 rpm
connections	: DN 200

### 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	: 704 kg

### Materials:

pump casing	: steel st37	– 1.0036
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	: TC / TC / Viton
pump shaft	: steel C45 – 1.1191
fixing material	: steel 8.8 el. galvanised
gaskets	: NBR / Paper

## Options B- series:

### Mechanical seals:

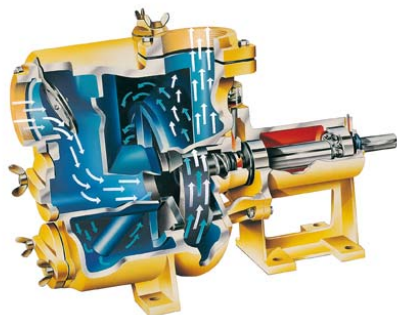
MG1 seal	sic/sic/EPDM
TW seal	graphite /ceramic/nitril
	graphite /ceramic/nitril
	t. carbide/t. carbide/viton

### 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  
Fax. (+31) 314 37 84 03

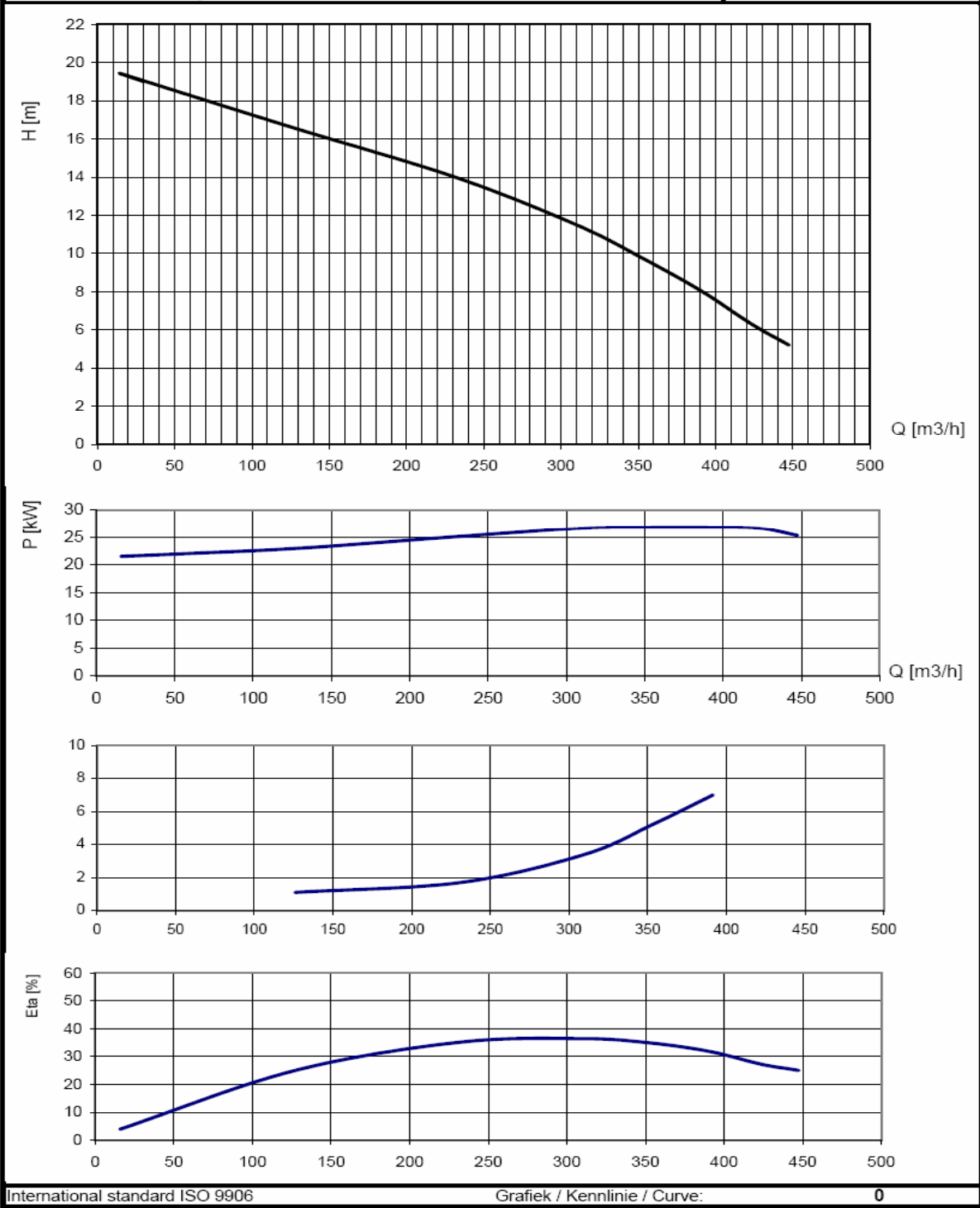
www.bbapumps.com  
info@bbapumps.com

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Pomptype / Pumpentyp / Pump type	: <b>B200 G S3</b>
Toerental / Drehzahl / Speed	: 1475 rpm
Waaier / Laufrad / Impeller	: "open" 304 mm
Slijtplaat / Verschleissplatte / Wear plate	: + ( 20 mm)
Vrije doorlaat / Freier Durchgang / Free passage	: 50 mm
Zuig / Saug / Suction	: DN 200
Pers / Druck / Discharge	: DN 200



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