

BBA self-priming centrifugal pumps

Type: **B 250 BVGSMC**

10" cast iron pump unit



General:

The BBA self-priming centrifugal pump B 250 (10") is a robust centrifugal pump with flow capacity up to 680 m³/h, total head up to 22 m and solid handling of 70 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 250 BVGSMC
max. flow	: 680 m ³ /h
max. head	: 22 m
impeller size	: 304 mm
free passage	: 70 mm
pump speed	: 1500 rpm
connections	: DN 250

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

Electric drive:

motor power	: 37.0 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	: 923 kg

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

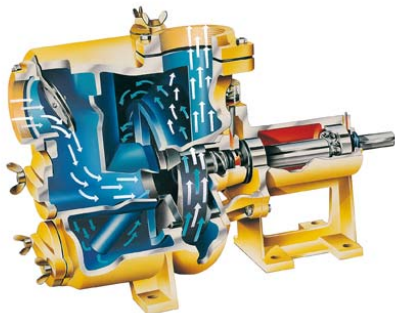
Options B- series:

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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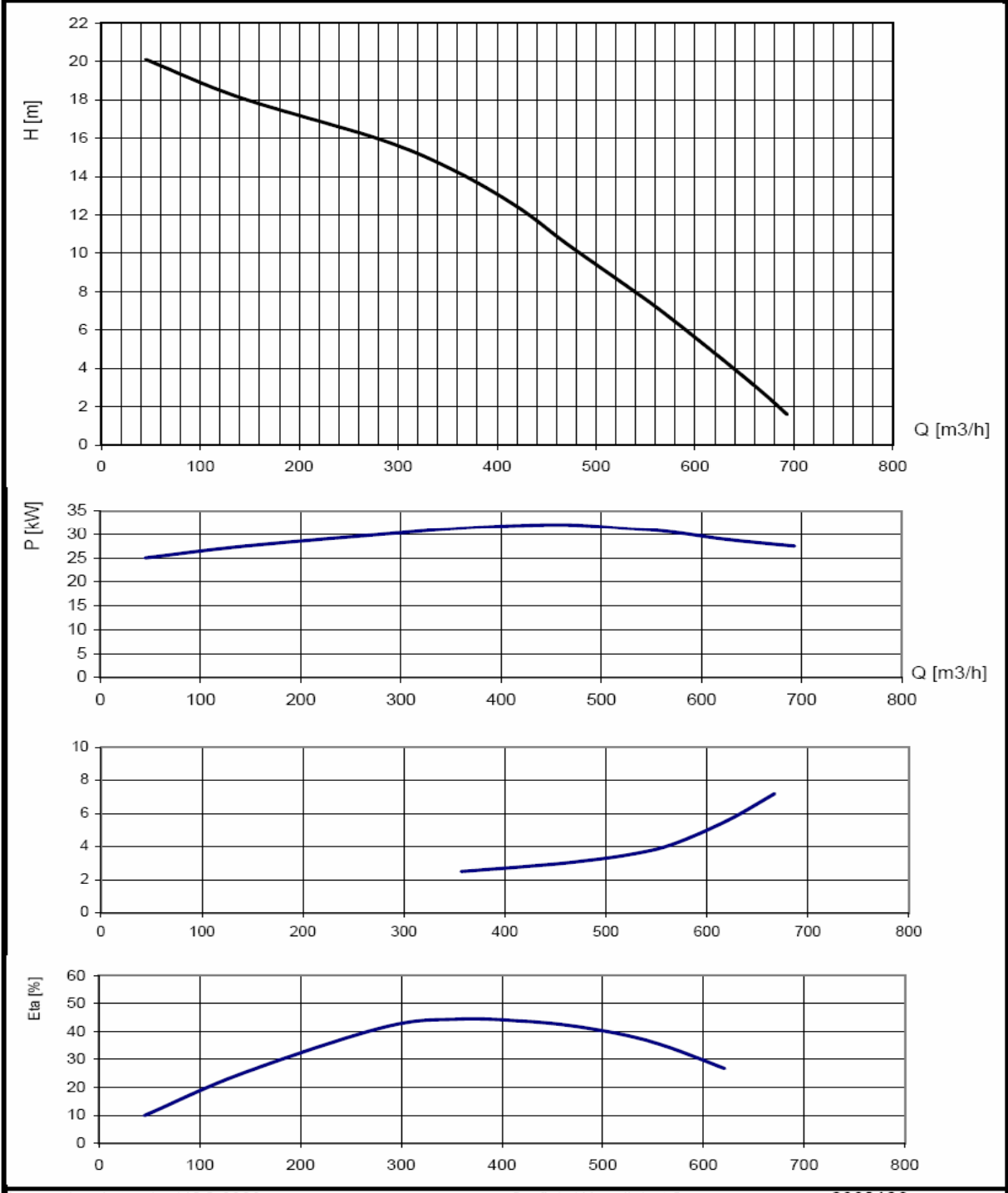
www.bbapumps.com
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Pomptype / Pumpentyp / Pump type	: B250 G	
Toerental / Drehzahl / Speed	: 1475 rpm	
Waaier / Laufrad / Impeller	: "open" 304 mm	
Slijtplaat / Verschleissplatte / Wear plate	:	
Vrije doorlaat / Freier Durchgang / Free passage	: 70 mm	
Zuig / Saug / Suction	: DN 300	
Pers / Druck / Discharge	: DN 300	



International standard ISO 9906 Grafiek / Kennlinie / Curve: **2003186**

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