

BBA self-priming centrifugal pumps

Type: B 100 BVGSMC
4" cast iron pump unit



General:

The BBA self-priming centrifugal pump B 100 (4") is a robust centrifugal pump with flow capacity up to 144 m³/h, total head up to 19 m and solid handling of 46 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 100 BVGSMC**
max. flow : 144 m³/h
max. head : 19 m
impeller size : 254 mm
free passage : 46 mm
pump speed : 1500 rpm
connections : 4" BSP

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

Electric drive:

motor power : 7.5 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 : 250 kg

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

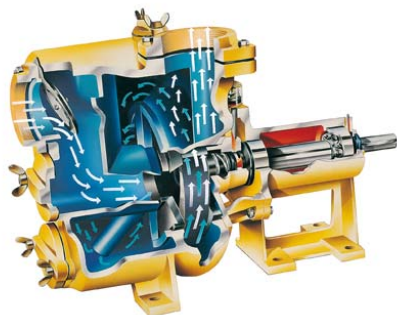
Options B- series:

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
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Doetinchem

Pumps for results
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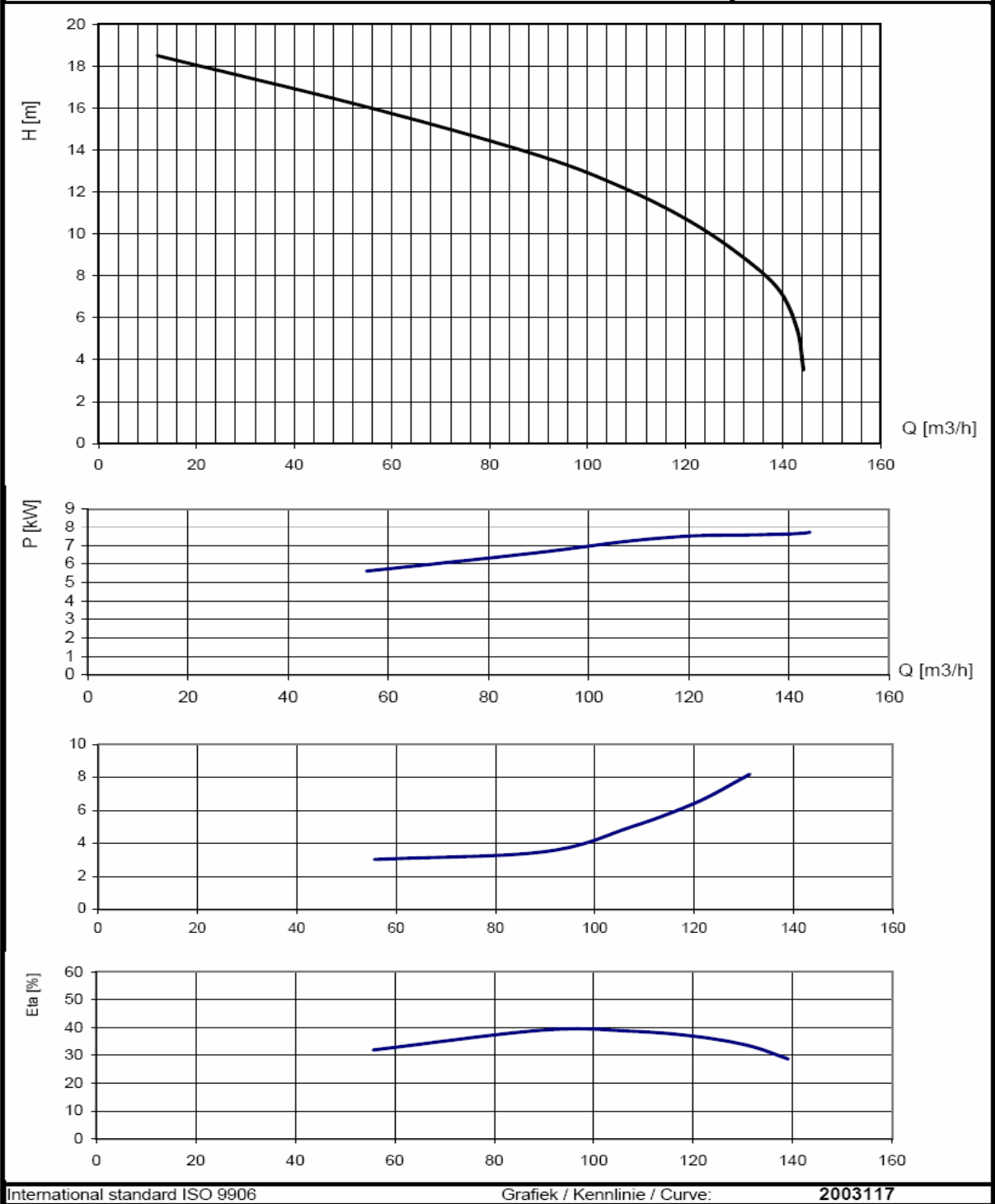
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Pomptype / Pumpentyp / Pump type	: B100 G
Toerental / Drehzahl / Speed	: 1455 rpm
Waaier / Laufrad / Impeller	: "open" 254 mm
Slijtplaat / Verschleissplatte / Wear plate	:
Vrije doorlaat / Freier Durchgang / Free passage	: 46 mm
Zuig / Saug / Suction	: 4"
Pers / Druck / Discharge	: 4"



International standard ISO 9906 Grafiek / Kennlinie / Curve: **2003117**

