

BBA self-priming centrifugal pumps

Type: **B 45 BVGMC**

1½" cast iron monobloc



General:

The BBA self-priming centrifugal pump B 45 (1½") is a robust centrifugal pump with flow capacity up to 22 m³/h, total head up to 31 m and solid handling of 10 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 45 BVGMC
max. flow	: 22 m ³ /h
max. head	: 31 m
impeller size	: 170 mm
free passage	: 10 mm
pump speed	: 2900 rpm
connections	: 1½" BSP

Electric drive:

motor power	: 2.2 kW – 2 pole
voltage	: 3 ph 230/400 Volt
motor execution	: B3/B14A, IP 55, ISO F
assembly	: monobloc
weight	: 45 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 25 – 0.6025

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
+M	extra cutting knife
+P	Perma grease cartridge
+VP	Grease glass
+T	Trolley
60 Hz	motor 440 V – 60 Hz



BBA Pumps BV

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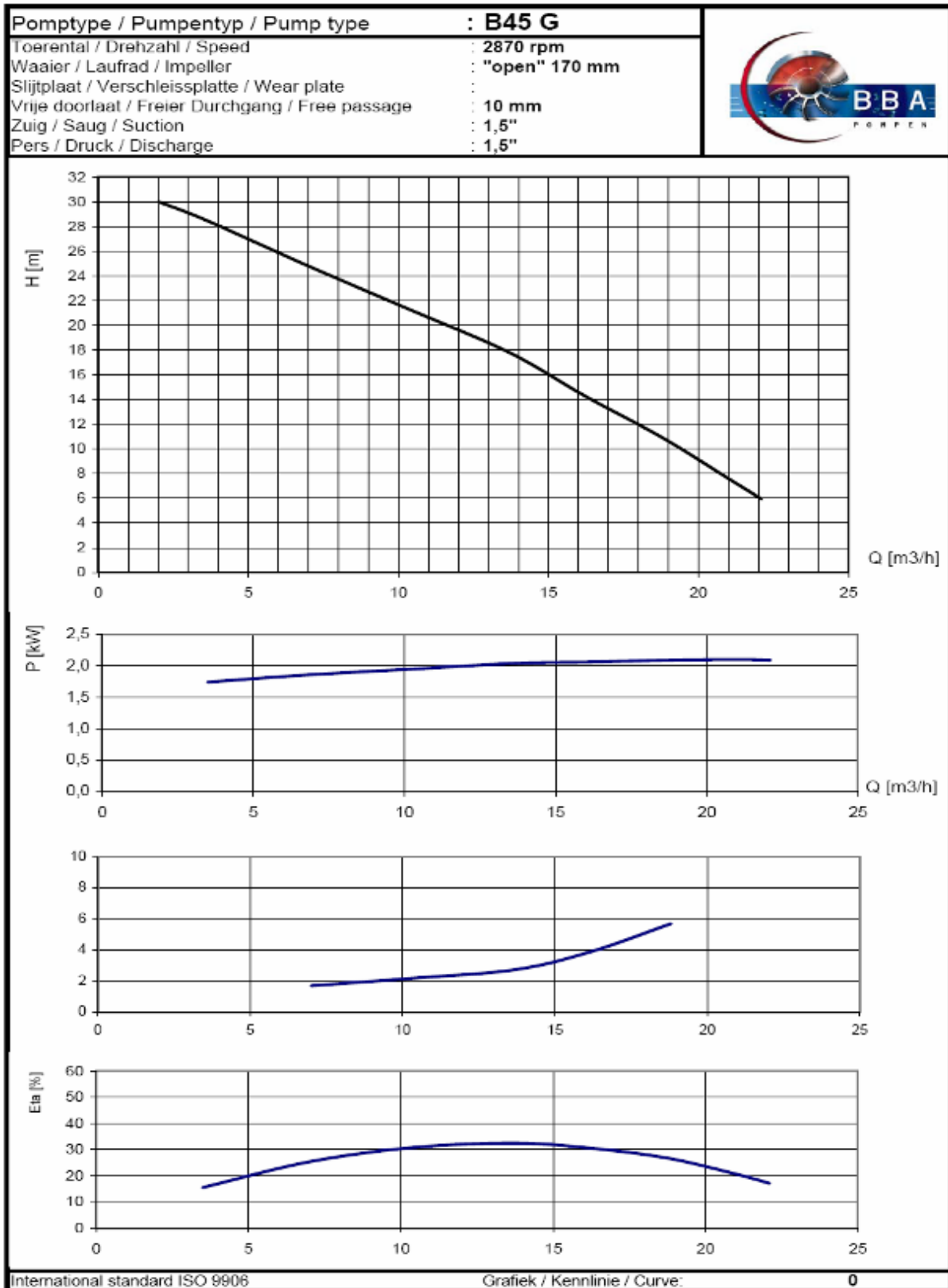
Pumps for results

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