

# BBA self-priming centrifugal pumps



**Type: B 30-180 BVGNMC**

2 x 1½ " cast iron Normbloc

## General:

The BBA self-priming centrifugal pump B 30-180 (2x1½") is a robust centrifugal pump with flow capacity up to 36 m<sup>3</sup>/h, total head up to 36 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 30-180 BVGNMC
max. flow	: 36 m <sup>3</sup> /h
max. head	: 36 m
impeller size	: 179 mm
free passage	: 10 mm
pump speed	: 2900 rpm
connections	: suction 2" BSP discharge 1½" BSP

### Electric drive:

motor power	: 4.0 kW – 2 pole
voltage	: 3 ph 400/660 Volt
motor execution	: B3, IP 55, ISO F
assembly	: Normbloc
weight	: 89 kg

## Options B- series:

### Mechanical seals:

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

### 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

### 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
+T	trolley
60 Hz	motor 440 V – 60 Hz



(this picture doesn't represent the described model)



## BBA Pumps BV

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## Pumps for results

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