B70-4 Electric Drive

Self-Priming Centrifugal Pump

Max. 90 m^3/hour, Max. 19 mwc

Pump specifications:

Type	B70-4 BVGMC+KF+M+SD+VD3
Max. flow	90 m^3/hour
Max. head	19 mwc
Connections	3"
Free passage	30 mm
Cutter blade	Stainless steel
Impeller type	Open impeller
Electric motor	5.5 kW – 2 pole
Starter	Manual Star-delta
Voltage	400/690V
Frame	Wheelbarrow frame
Dry weight	135 kg

FEATURES

B self-priming centrifugal pump

The B range of pumps has been designed with a clear focus on reliability, efficiency and durability, ranging from 1-1/2" to 12". Featuring an open impeller configuration in combination with a changeable wear plate, facilitating servicing and minimising costs of spares. All B series pumps are fitted with a non return valve in the suction port, eliminating the need for a foot valve in suction line and allowing quick priming.

Complete package designed & built by BBA Pumps

- Complete in-house design & production
- Over 60 years of experience in the market
- Extensive testing facility in-house
- Contemporary & functional design
- Durable & eco-friendly materials
- Custom builds available

Design features

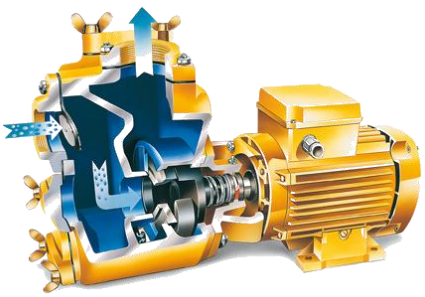
- Basic, reliable technology
- Large solids handling capacity
- Suitable for use with hot fluids
- Wet self-priming
- Cooled shaft seal
- Extended life due to pump design

After sales service & product support

- Single supplier for parts, spares & accessories
- Dedicated customer help-desk (24h service)
- Dedicated service department in-house
- Global parts distribution network
- Optional global on-site servicing
- Extensive training options available (technical & commercial), on-site or in-house

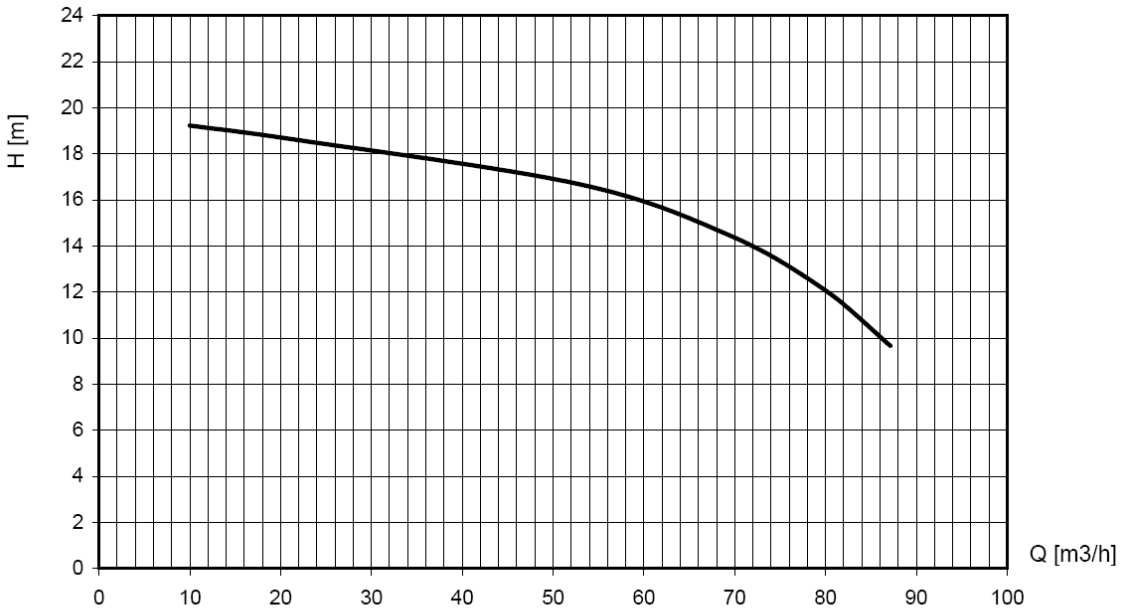
Fields of application

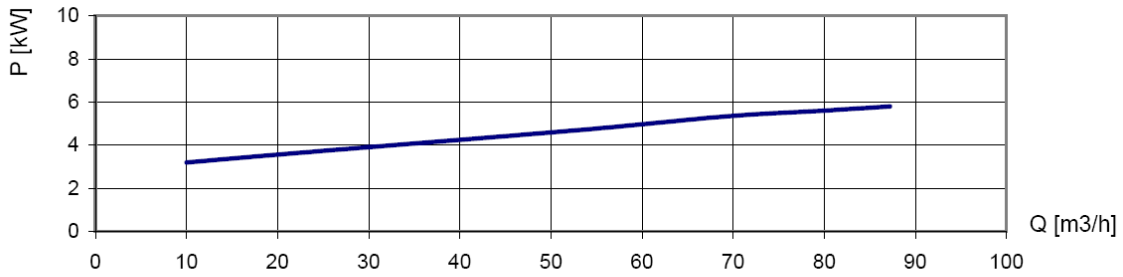
- Shipping
- Industry
- Construction
- Waste water management
- Emergency pump units
- Irrigation
- Agriculture
- Horticulture

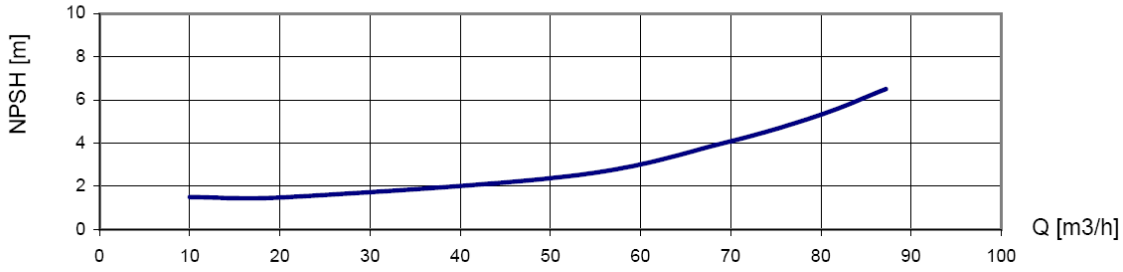


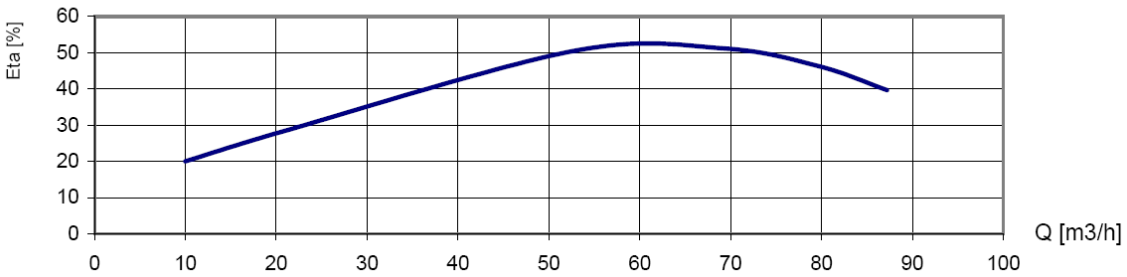
PERFORMANCE CURVES (2895 RPM)

Continuous duty according ISO 9906









B70-4 Electric Drive
Self-Priming Centrifugal Pump
Max. 90 m³/hour, Max. 19 mwc

STANDARD TECHNICAL SPECIFICATIONS

BBA centrifugal pump

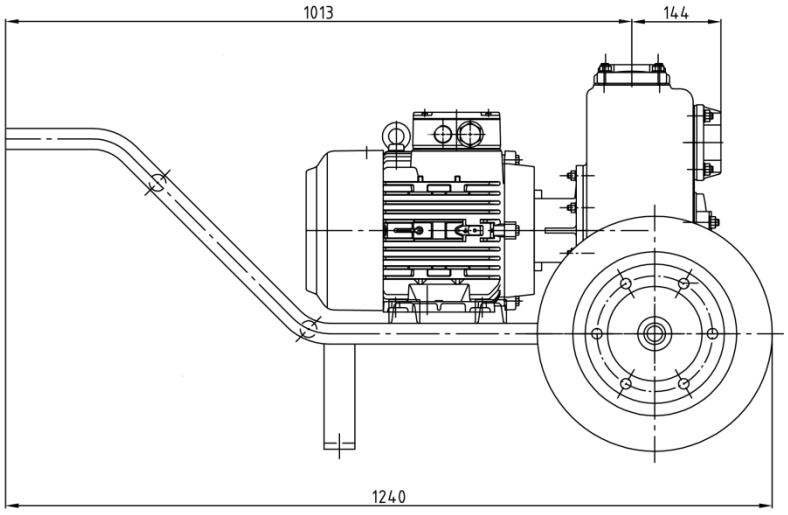
Model	B70-4 BVGMC
Max. flow	90 m³/hour
Max. head	19 mwc
Free passage	30 mm
Pump speed	2850 rpm
Connections	3"

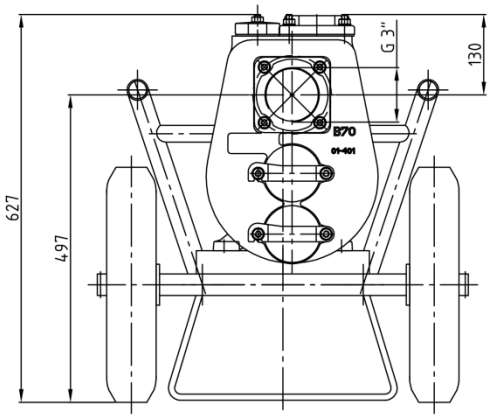
Electric motor and plug

Power	5.5 kW – 2 pole
Voltage	400/690V
Frequency	50 Hz
Mounting	B3/B14A, IP55, ISO F
Assembly	Monobloc
Plug	16A-4P-6h-CEE

Materials

Pump casing	Cast iron GG20 – 0.6020
Wear plate	Cast iron GG20 – 0.6020
Impeller	Cast iron GG20 – 0.6020
Shaft seal	Mechanical seal
Seal faces	Sic / Sic / Viton
Pump shaft	Steel C45 – 1.1191
Gaskets	NBR / paper





OPTIONAL FEATURES

Mechanical seals

T3W seal	HM / HM / Viton
MG1 seal	Sic / Sic / EPDM

Gaskets

N	NBR: Perbunan
V	FPM: Viton
E	EPDM
T	PTFE: Teflon
K	FFKM, Kalrez

Extras

+F	DIN flanges
+FK	DIN flanges, stainless steel 316
+BI	Bronze impeller; stainless steel 316 shaft
+BII	Bronze impeller/wear plate, stainless steel 316 shaft
+KI	Stainless steel 316 impeller and shaft
+KII	Stainless steel impeller, wear plate and shaft
+M	Cutting blade
+P	Perma grease cartridge
+VP	Grease glass for seal lubrication
+KF	Wheelbarrow frame
60Hz	Motor 440V – 60Hz