BE160 Electrically Driven
Self-Priming Centrifugal Pump
Max. 300 m^3/hour, Max. 17 mwc

Pump specifications:

Type	BE160 D254 NMC
Max. flow	300 m^3/hour
Max. head	17 mwc
Connections	DN 150 (6")
Impeller type	Semi-open impeller
Free passage	80 mm
Pump speed	1470 rpm
Electric motor	15 kW - 4 pole
Voltage	400/690V 50 Hz
Assembly	Norm block
Weight (net)	525 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

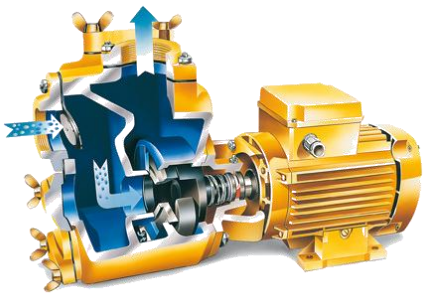
- Basic, reliable technology
- Large solids handling capacity
- Suitable for use with hot fluids
- Cooled shaft seal
- Extended life due to pump design

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

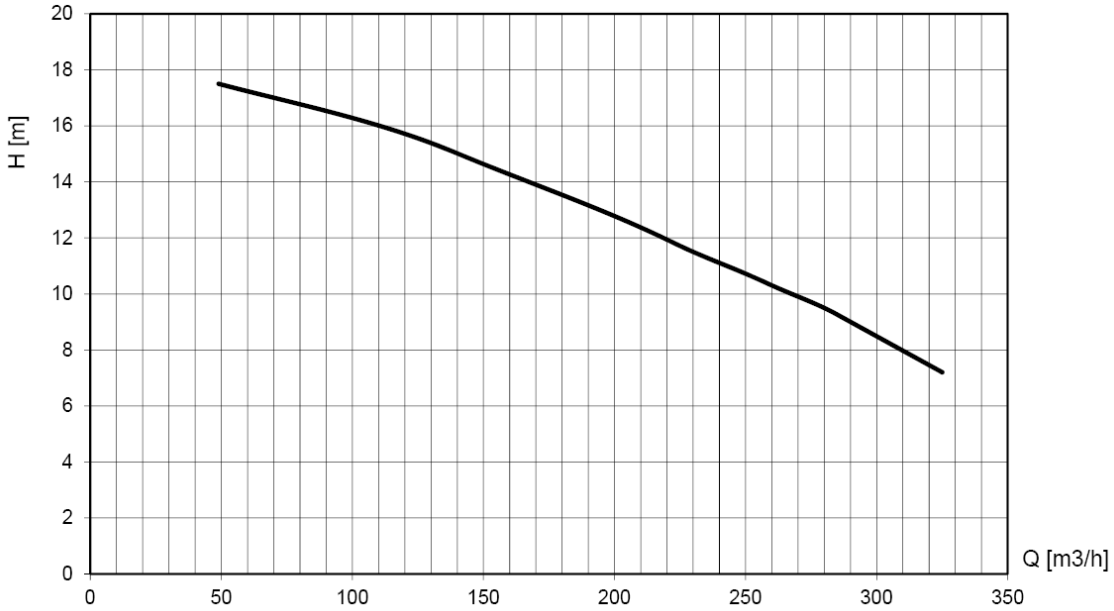
Fields of application

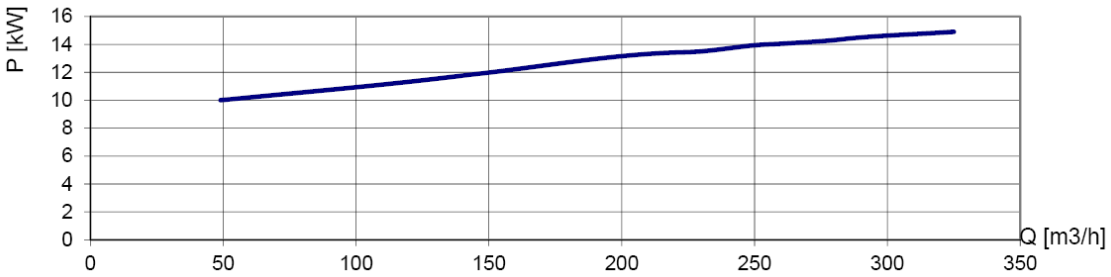
- Shipping
- Industry
- Construction
- Waste water management
- Emergency pump units
- Irrigation
- Agriculture
- Horticulture

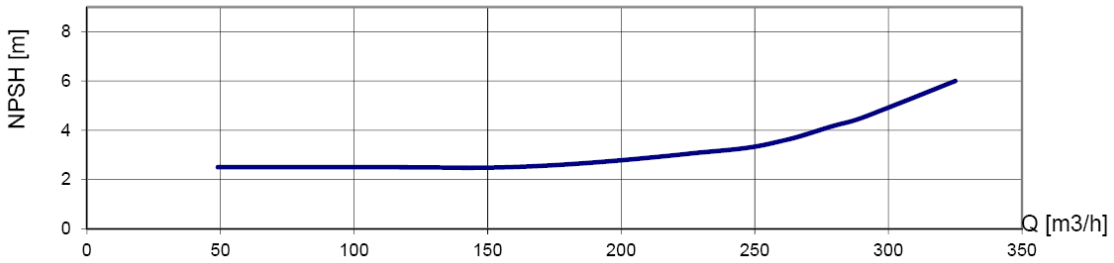


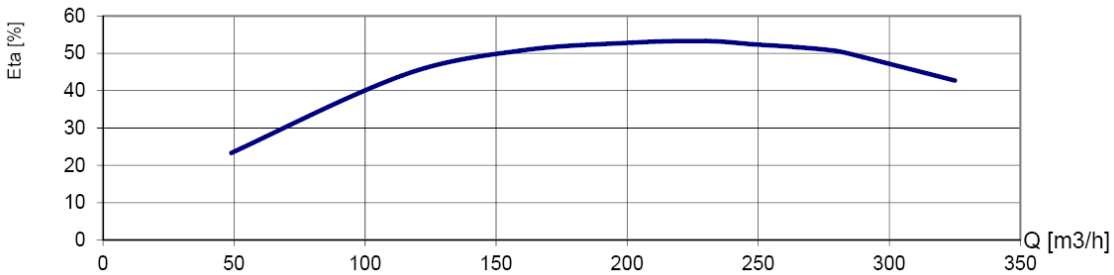
PERFORMANCE CURVES (1500 RPM)

Continuous duty according ISO 9906









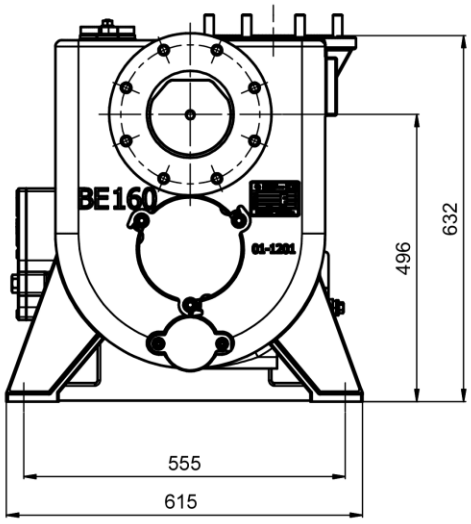
STANDARD TECHNICAL SPECIFICATIONS

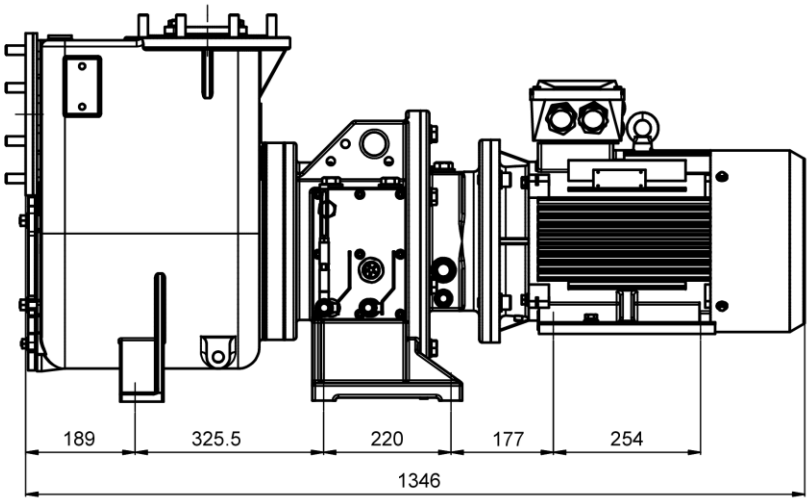
BBA auto prime pump

Pump type	BE160 D254
Max. flow	300 m³/hour (1320 US GPM)
Max. head	17 mwc (56 feet)
Impeller type	Semi-open impeller
Solids handling	80 mm (3.15 inch)
Pump casing	Cast iron GG20
Impeller	Cast iron GG25
Wear plate	Cast iron GG25
Pump shaft	C45
Shaft seal	Mechanical seal 45 mm
Seal faces	Tung/Tung
Seal rubbers	Viton

Electric motor

Motor brand	Hoyer
Motor type	HMC3 160L-4
Power kW (Hp)	15 kW (20 Hp)
Rated Voltage	400/690V 50Hz
Current (I nom.)	28 Amp
4-pole	1470 RPM
Efficiency	92.1%
IE3	EC Directive 2005/32





Actual dimensions (in mm) may vary depending on selected motor IEC standard.