



Pump specifications:

Type.....	B60-220
Max. flow	46 m ³ /hour (202 US GPM)
Max. pressure	53 mwc (174 ft.)
Connections.....	See page "auxiliary items"
Solids handling	14 mm (0.55")
Impeller type	Semi-open impeller
Engine	Hatz 1D90Z
Emission standard ..	Stage V
Starter	Electric start
Frame	Wheelbarrow frame
Dry weight.....	300 kg (660 lbs.)

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.

Design features

- Basic, reliable technology
- Large solids handling capacity
- Suitable for use with hot fluids
- Wet self-priming
- Cooled shaft seal

Fields of application

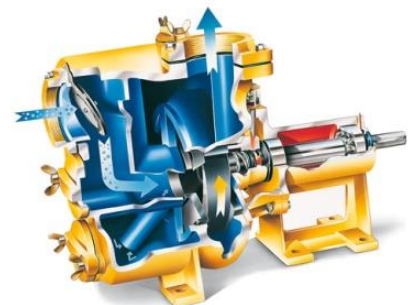
- Shipping
- Industry
- Construction
- Waste water management
- Emergency pump units
- Irrigation
- Agriculture

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

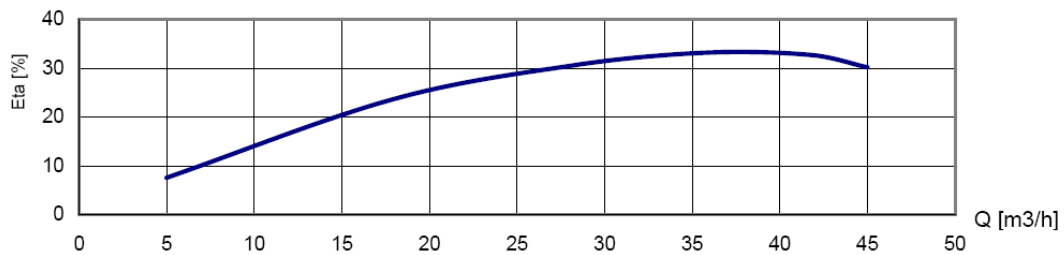
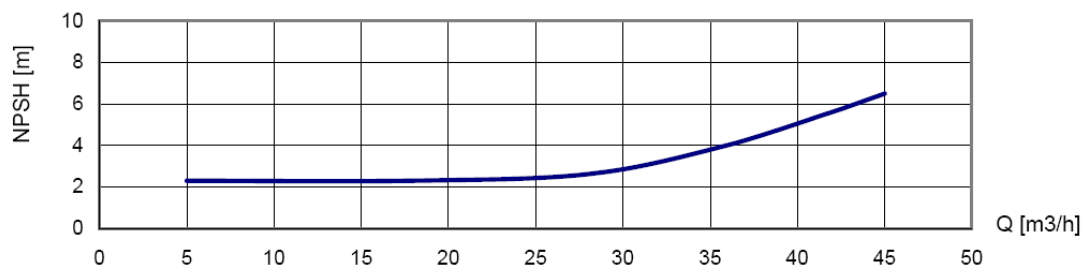
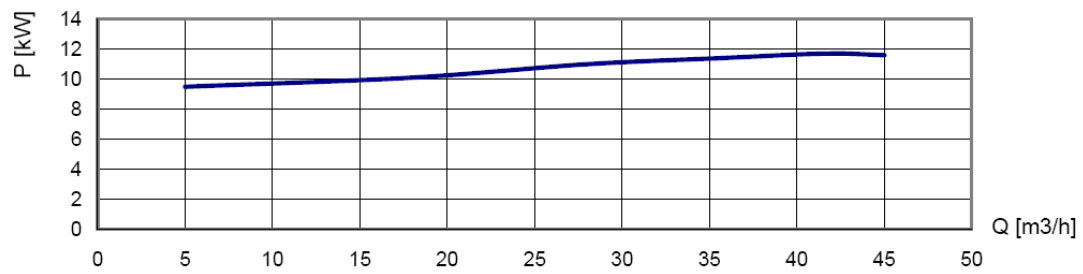
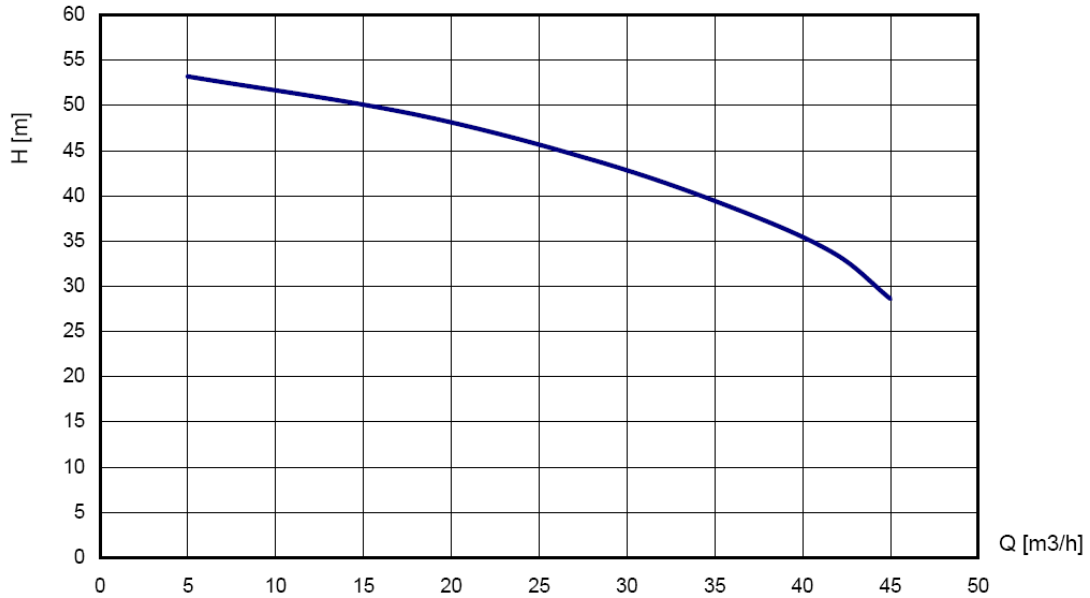
After sales service & product support

- 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



PERFORMANCE CURVES (3000 RPM)

Continuous duty according ISO 9906



STANDARD TECHNICAL SPECIFICATIONS

BBA self priming pump

Pump type.....	B60-220
Max. flow.....	46 m ³ /hour (202 US GPM)
Max. head.....	53 mwc (174 feet)
Impeller type.....	Semi-open impeller
Solids handling.....	14 mm (0.55 inch)
Pump casing.....	Cast iron GG20
Impeller.....	Cast iron GG20
Wear plate.....	Cast iron GG20
Pump shaft.....	C45
Shaft seal.....	Mechanical seal
O-ring.....	Viton



Engine

Engine brand.....	Hatz
Engine type.....	1D90Z
Flywheel power kW (hp).....	11 kW (15 Hp)
Max. engine speed.....	3000 RPM
Fuel consumption.....	280 g/kWh
Displacement.....	0.722 l
Number of cylinders.....	1
Balancing.....	100% of free mass forces
Cooling system.....	Air cooled
Starter.....	Electric start
Emission level.....	Stage V



Frame





Frame type.....	Wheelbarrow
Material.....	Galvanised
Fuel tank.....	Approx. 10 L
Lifting point.....	Fitted with single lifting point
Connections.....	Please consult "auxiliary items"
Tires.....	2 rubber tires









General

- Steel fuel tank 10 L. net (2.7 US Gallon)
- Fuel tank cap Ø 60 mm
- Mechanical fuel injection system
- Premium quality battery

AUXILIARY ITEMS
Discharge connections

Art.nr.	Description	
23276	Bend 90°, galvanized, with Storz NA66 coupling	
23277	Bend 90°, galvanized, with Storz NA81 coupling	
23279	Bend 90°, galvanized, with Storz NA66 coupling and gate valve	
23280	Bend 90°, galvanized, with Storz NA81 coupling and gate valve	
1866156010	Bend 90°, galvanized, with 2" male (ball) System C quick coupling	
23278	Bend 90°, galvanized, with 2" male (ball/lever) System B quick coupling	
23281	Bend 90°, galvanized, with 2" male (ball) System C quick coupling en gate valve	
23282	Bend 90°, galvanized, with 2" male (ball/lever) System B quick coupling and gate valve	

Suction connections

Art.nr.	Description	
3101220	2" quick coupling male (ball), System C, galvanized	
3601446	2" quick coupling female (cup), System B, galvanized	
3101210	2" quick coupling female (cup/lever), System C, galvanized	
3601440	2" quick coupling male (ball/lever), System B, galvanized	
3101237	3" quick coupling male (ball), System C, galvanized	
23284	3" quick coupling female (cup), System B, galvanized	
23283	3" quick coupling female (cup/lever), System C, galvanized	
23285	3" quick coupling male (ball/lever), System B, galvanized	
23286	4" quick coupling male (ball), System C, galvanized	
23288	4" quick coupling female (cup), System B, galvanized	
23287	4" quick coupling female (cup/lever), System C, galvanized	
23289	4" quick coupling male (ball/lever), System B, galvanized	