B60-220 Diesel Driven

Self-Priming High Head Centrifugal Pump

Max. 46 m^3/hour, Max. 53 mwc

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

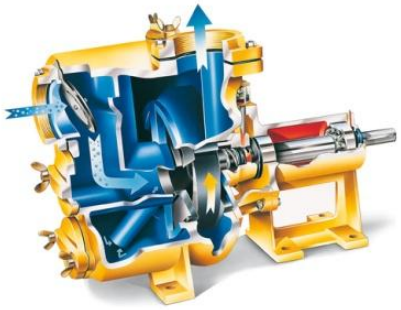
- Shipping
- Industry
- Construction
- Waste water management
- Emergency pump units
- Irrigation
- Agriculture

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

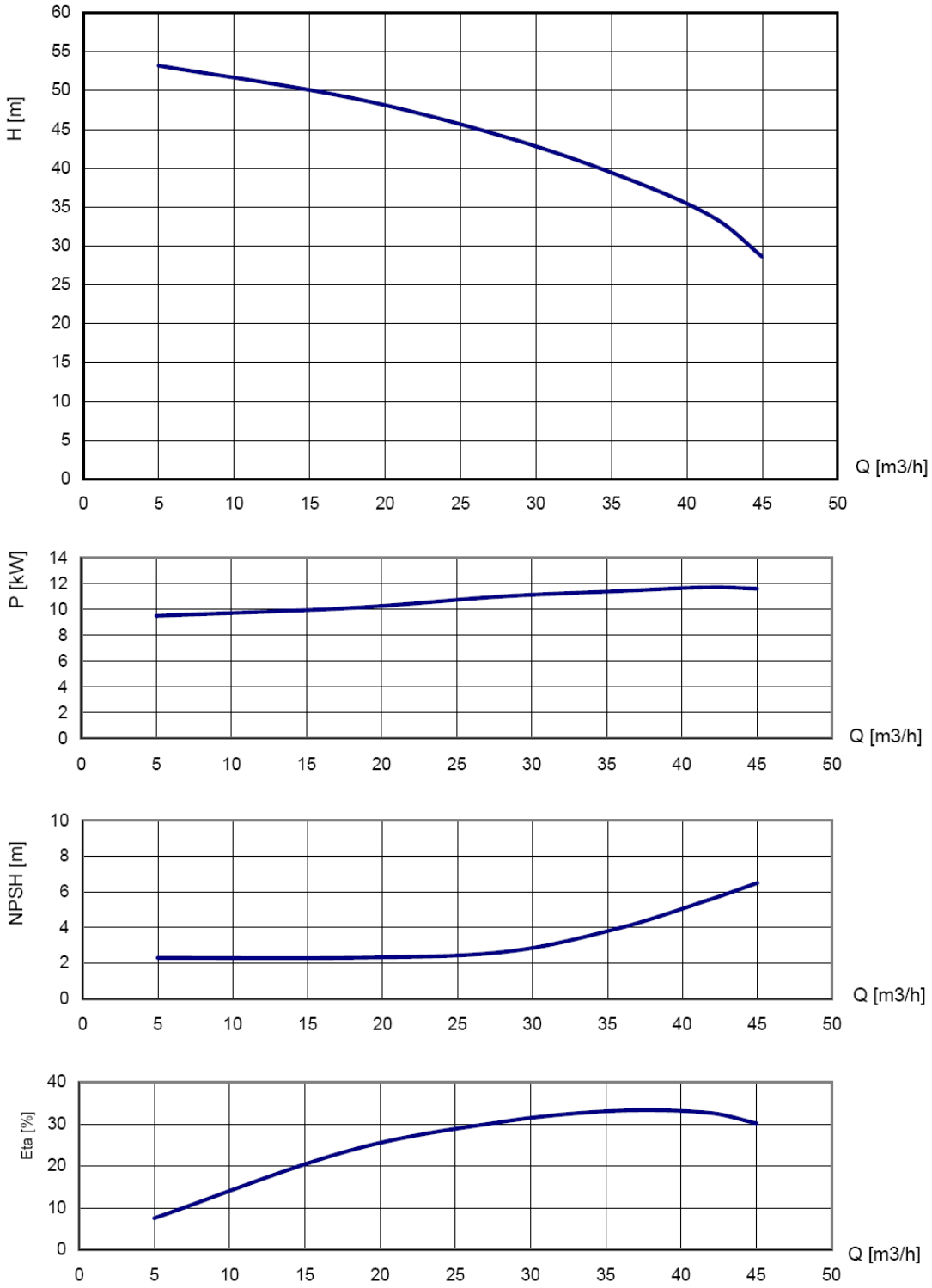
After sales service & product support

- 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



PUMPS FROM HOLLAND

STANDARD TECHNICAL SPECIFICATIONS

BBA self priming pump

Pump type	B60-220
Max. flow	46 m³/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	