PERIPHERAL VANE PUMP

QB60 G

Range of performance

Flow rate: max 23 L/min (1.4m³/h)
Head: max 30m



Limits of use

Liquid temperature: 40°C
Ambient temperature: 40°C

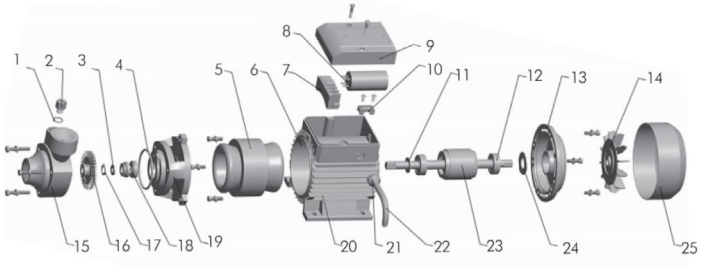
Uses and installations

The QB range is recommended for pumping clean water without abrasive particles and liquids that are chemically non aggressive for the materials of which the pump is made. Due to their reliability, simplicity of use and economy, they are suitable for domestic use and in particular for high pressure applications. The pump must be installed under a vented cover and protected against exposure to rain or water spray. The QB60 G is manufactured with a aluminium insert plate to minimize the build up of minerals and heavy metal in the volute.

Construction Characteristics

Pump Body: Cast Iron (Aluminium inserts front and back of volute)
Impeller: Brass, with radial peripheral vanes
Motor Shaft: Stainless Steel 304
Mechanical Seal: Ceramic-graphite
Electric Motor: Single-phase 220V - 50Hz with capacitor and thermal overload protector.
Insulation: Class B
Protection: IPX 4

Diagram

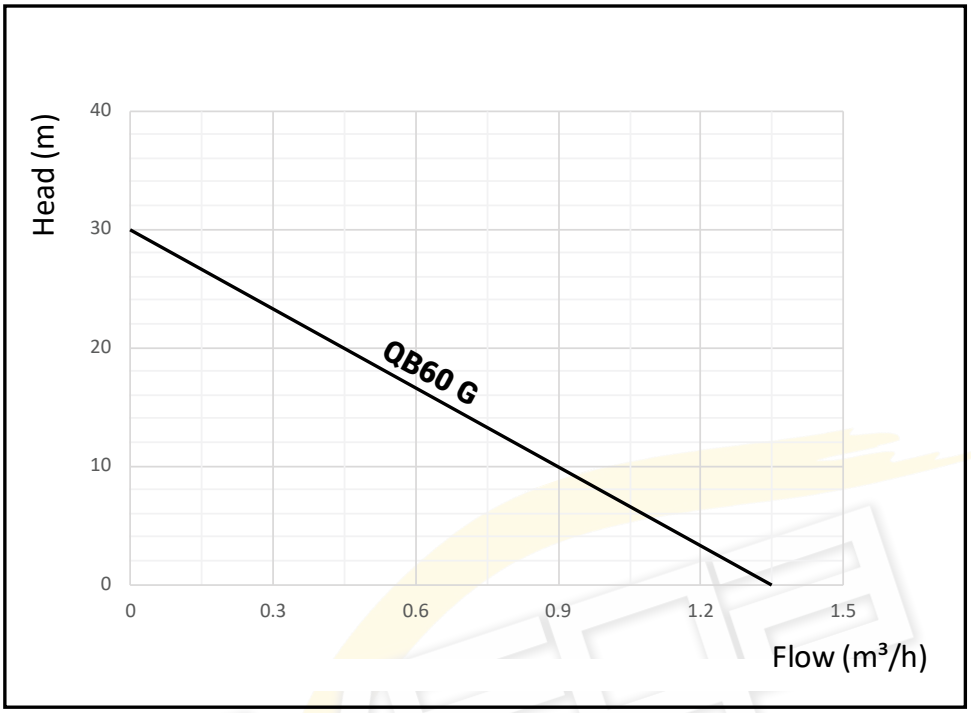


Diagram

No.	Description	No.	Description	No.	Description	No.	Description
1	O-Ring	7	Terminal board	13	End Cover	19	Coupling
2	Brass air vent screw	8	Capacitor	14	Fan	20	Fan Cover
3	Flat washer	9	Capacitor cover	15	Pump body	21	Cable protector
4	O-Ring	10	Cable Fixer	16	Impeller	22	Cable
5	Stator	11	Water proof ring	17	Shaft circlip	23	Rotor
6	Motor bracket	12	Bearing	18	Mechanical Seal	24	Wave spring

PERFORMANCE
CURVE

Hydraulic Performance Curve



QB60 G



Technical Data

NO	MODE	POWER		Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5
	Single-phase	kW	HP	Q (l/min)	0	5	10	15	20	25
1	QB60 G	0.37	0.5	H (m)	30	23.3	16.6	10	3.3	

Dimension

No	Model	Freq.	Suct. Max	Size	Start-up Amps	Running Amps	Dimension	N/W
	Single-phase	Hz	m	inch	A	A	L x W x H mm	kg
1	QB60 G	50	7	1” x 1”	6.2	1.7	280x140x170	5.5

