



## INSTALLATION AND APPLICATIONS

These pumps are suitable for handling clean water not containing abrasive particles and fluids which are not chemically aggressive to the pump components.

They are extremely reliable, light, economic and simple to use, finding many uses in domestic applications, in particular the automatic distribution of water from surge tanks, watering gardens and for boosting insufficient mains water pressure.

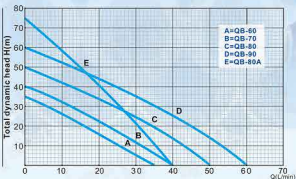
These pumps should be installed in a covered area, protected against the weather.

## OPERATING LIMITS

Suction lift up to 9 m

Fluid temperature up to + 60°C

Maximum ambient temperature +40°C



## STRUCTURAL CHARACTERISTICS

<b>PUMP BODY</b>	Cast iron
<b>FRONT COVER</b>	Cast iron or aluminium with bronze
<b>IMPELLER</b>	Brass, with radial peripheral blades, floating on the shaft.
<b>MECHANICAL SEAL</b>	Ceramic and graphite

## MOTOR:

The pumps are coupled directly to an asynchronous, high efficiency SILVER ELEPHANT induction motor of suitable size, which is quiet running, close and extremely ventilated, with 1m b3 structural shape, suitable for continuous duty. Insulation class for B.

**The thermal cutout relay (motor protector) is incorporated in single phase motors.**

Three phase motors require an adequate external motor protector, with connections according to current standards.

<b>INSULATION</b>	Class B/F
<b>PROTECTION</b>	IP44/54

**CONSTRUCTION AND SAFETY STANDARDS** in compliance with IEC.

220V/50Hz, 60Hz 110V/50Hz, 60Hz 220V/110V/50Hz, 60Hz are available on request. Before order, you could choose "V/Hz" or other special requirement.

## TECHNICAL DATA

Type	Power HP kW	Ampere 1-220V	R.P.M	Q. Max (l/min)	H. Max (m)	S. Head (M)	Pipe Dia	L x W x H (mm)	N.W (Kg)
QB-60A(B/C)	0.5 0.37	1.6	2850	35	35	9	1"X1"	280X145X180	5.8
QB-70A(B/C)	0.75 0.55	3.6	2850	40	40	9	1"X1"	310X180X200	9.7
QB-80A(B/C)	1.0 0.75	4.8	2850	50	50	9	1½"X 1½"	310X180X200	10.5
QB-90A(B/C)	1.5 1.1	6.2	2850	60	60	9	1½"X 1½"	415X195X220	17
QB-80AA(B/C)	1.0 0.75	4.8	2850	40	75	9	1"X1"	310X180X200	10.5

