

The pump is with peripheral impeller containing numerous radial blades in its edge. Water is thrown outwards by centrifugal motion caused by the impeller. Then the water rotates with the impeller, generate high pressure. These pumps have a compact size and are very economical. They have various appearances and motor shells to the different operating requirements.

QB Series



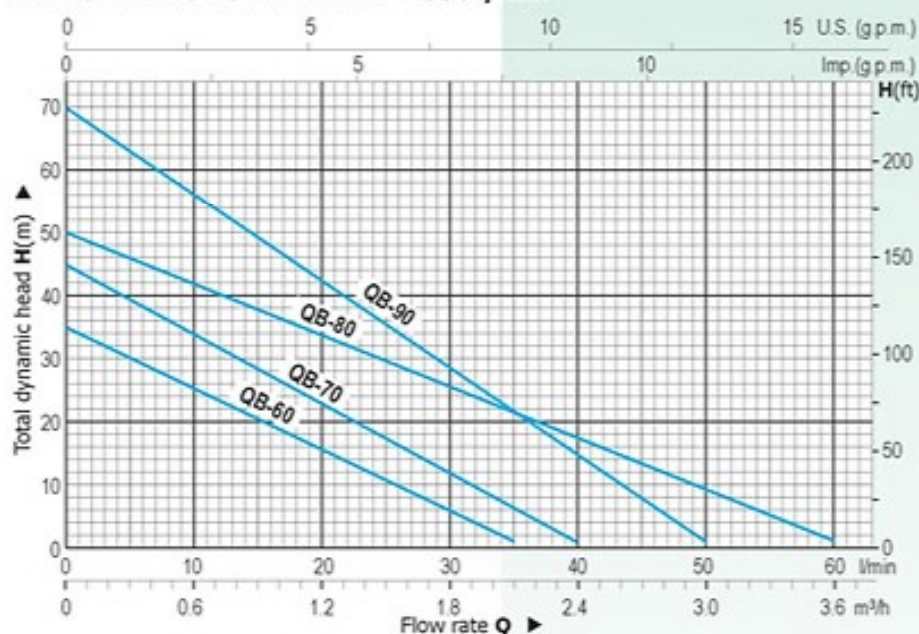
- **Pump body:** Cast iron
- **Impeller:** Brass
- **Motor:** Closed, externally ventilated
- **Insulation class:** B (Class F if required)
- **Protection class:** IP44 / IP54
- **Duty:** Continuously rated
- **Mechanical seal:** $\phi 12$ ceramic steatite/graphite
- **Shaft:** Carbon steel AISI 1045 (Stainless steel AISI 420 if required)

The normal power standard is 220V 50Hz single phase.

Three phase 220/380V/50Hz, 220/440V/60Hz, Single phase 230V, 240V, 127V, 110V, 115V/60Hz models are available on request.

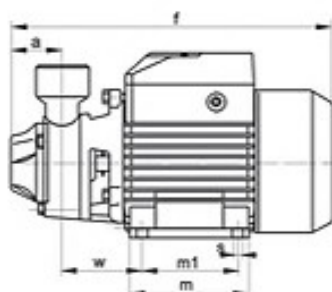


PERFORMANCE CHART AT $n=2850r/min$



PERFORMANCE DATA

TYPE	Power		Ampere 1~220V	R.P.M	Q _{Max} (l/min)	H _{Max} (m)	S.Head (m)	Pipe Dia	L×W×H (mm)	N.W (kg)
	HP	kW								
QB-60	0.5	0.37	2.6	2850	35	35	9	1"×1"	280×145×180	5.8
QB-70	0.75	0.55	3.6		40	45			310×180×200	9.7
QB-80	1	0.75	4.8		60	50		1½"×1½"	10.5	
QB-90	1	0.75	4.8		50	70		1"×1"	330×180×200	11.5



DIMENSIONS

TYPE	DIMENSIONS(mm)													
	a	f	h	H1	H2	i	m	m1	n	n1	w	b	g	s
QB-60	42	265	154	63	80	20	98	80	120	100	63	22	8	7
QB-70	55	305	179	71	85	20	110	90	134	112	68	23	8	7
QB-80	55	305	179	71	85	20	110	90	134	112	68	23	8	7
QB-90	90	300	174	71	85	20	110	90	134	112	68	23	8	7