

BA3

LQ-100A

# BA3 LQ Series Electric Clean Water Pump

## APPLICATION

- These pumps with peripheral impeller are able to offer high pressure in relation to comparatively low powers and which have particularly steady operating curves.
- For the correct functioning of the pump, use to pump clean water, or non-aggressive liquids only, without sand or other solid impurities.
- They are qualified in domestic fitting, to increase the system pressure in aqueducts and for automatic water distribution by autoclave tanks and by hydrosphere units.

## OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

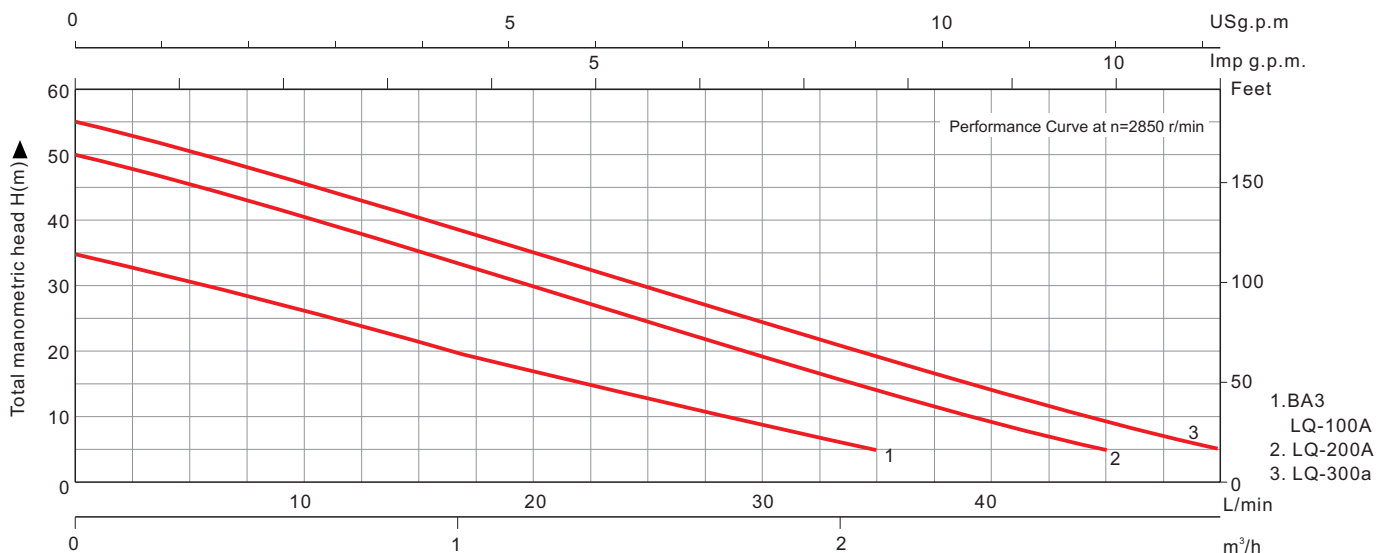
## CONSTRUCT

### PUMP

Pump Body: Cast Iron  
 Impeller: Brass  
 Mechanical Seal: Carbon / Ceramic / Stainless Steel

### MOTOR

Single Phase  
 Heavy Duty Continuous Work  
 Motor Housing: Aluminum / Steel-plate  
 Shaft: Carbon Steel / Stainless Steel  
 Insulation: Class B / Class F  
 Protection: IP44 / IP54  
 Cooling: External Ventilation



## TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor			n=2850r/min			Q	US g.p.m																
	Input max kW	Output Power		Current	Q.max	H.max		Suct.max	0	1.32	2.64	4	5.28	6.61	7.93	9.25	10.6	12	13	15	15.9			
		kW	HP	A	L/min	m	m	Imp g.p.m	0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	9.9	11	12	13.2			
								m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6			
								L/min	0	5	10	15	20	25	30	35	40	45	50	55	60			
BA3	0.55	0.37	0.50	2.50	35	35	9	H meter	35	30.5	27	23	18	13.5	9	5								
LQ-100A	0.50	0.37	0.50	2.50	35	35			35	31	27	22	17.5	13.5	8.8	5								
LQ-200A	0.80	0.55	0.75	3.80	45	50			50	45	39	34	28	23	18.5	13.5	9	5						
LQ-300A	1.10	0.75	1.00	5.20	50	55			55	52	48	43	39	33	28	22	17	11	5					

Other voltages and frequencies available on request.