



KF-0



KF-1

# KF 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

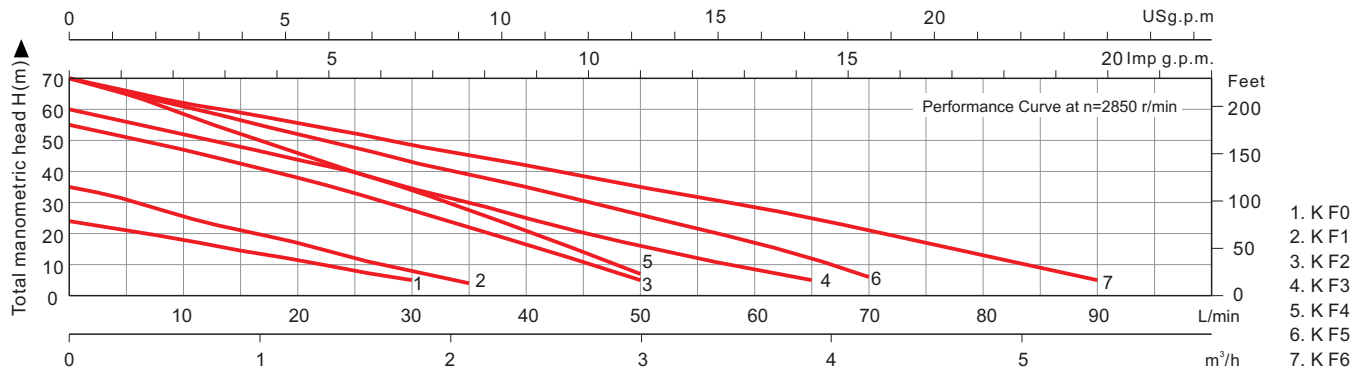
## CONSTRUCT

### PUMP

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

### MOTOR

Single Phase  
 Heavy Duty Continuous Work  
 Motor Housing: Aluminum  
 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			US g.p.m	Imp g.p.m	Q m³/h	L/min	H meter													
	Input max kW	Output Power		Current A	Q.max L/min	H.max m					Suct.max m	0	1.32	2.64	4	5.28	6.61	7.93	9.25	10.6	13	17	18	23.8
		kW	kW									HP	0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	11	14	15
KF0	0.50	0.30	0.40	2.30	30	24	9	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3	3.9	4.2	5.4				
KF1	0.55	0.37	0.50	2.50	35	35	9	0	5	10	15	20	25	30	35	40	50	65	70	90				
KF2	0.80	0.55	0.75	3.80	50	55	9	24	21	18	15	11.5	8	5										
KF3	1.10	0.75	1.00	5.20	65	60	9	35	31	25.5	21	17	12	8	4									
KF4	1.10	0.75	1.00	5.20	50	70	9	55	51	47	43	38	33	27.5	22	16.5	5							
KF5	1.50	1.10	1.50	9.60	70	70	9	60	56	52	48	43.7	39.7	34.5	30	25	16	5						
KF6	2.30	1.50	2.20	11.50	90	70	9	70	65	58.5	52	46	39.8	34	27.5	21	7							
							9	70	65	61	57	52	47.7	43	39	35	26	11	6					
							9	70	66	62	59	55.5	52.2	48.5	45.3	42	35	25	21	5				

Other voltages and frequencies available on request.