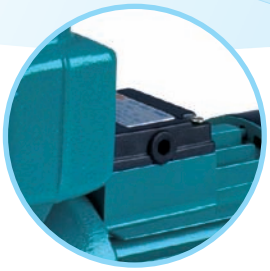
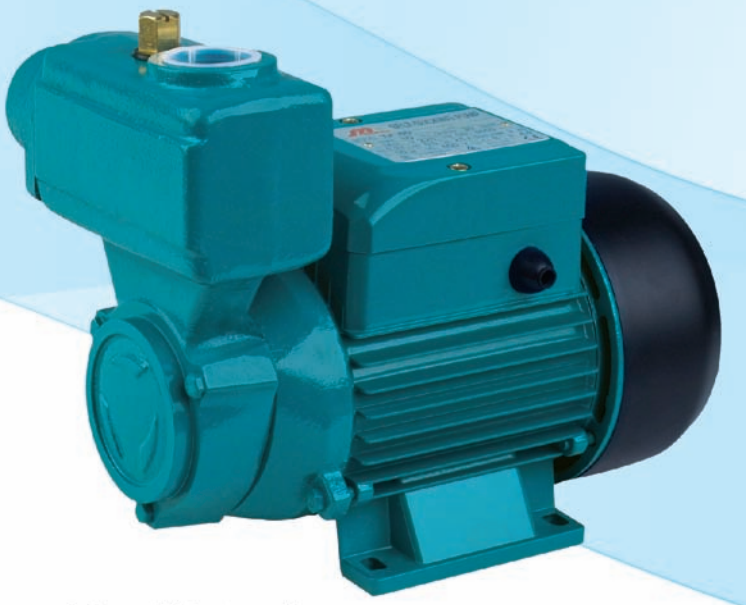




TP Series Self-sucking Water Pump

APPLICATION

- TP series self-sucking water pumps are new designed high efficiency house-hold electric pumps, with the motor and the pump mounted together. They are sealed with wear-resistant mechanical sealing, and carry the merits of easy to operate, light weight, high efficiency and relative low consumption of power.
- TP series pumps have self-sucking function, which make it better used in places that pumping clean water, and request intermission kind of working, but without refilling the water from each restarting of the pumps.

OPERATING CONDITIONS

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

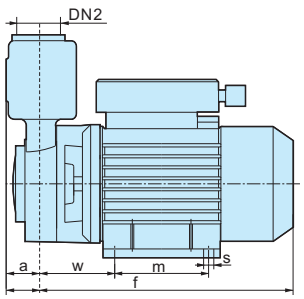
CONSTRUCT

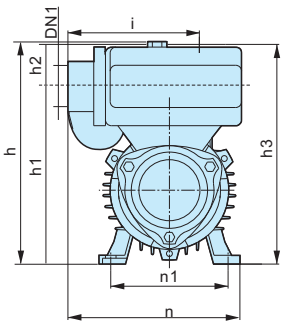
PUMP

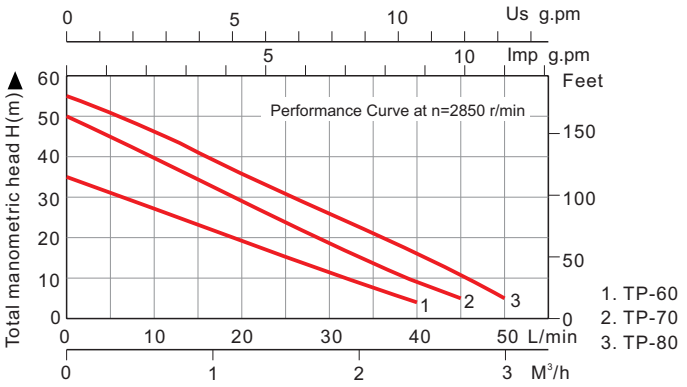
Pump Body: Cast Iron
Impeller: Brass
Mechanical Seal: Carbon/ Ceramic /Stainless Steel

MOTOR

Single Phase
Heavy Duty Continuous Work
Motor Housing: Aluminum
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															
	Input max	Output Power		Current	Q.max	H.max	Suct.max		US g.p.m	0	1.32	2.64	4	5.28	6.61	7.93	9.25	10.6	12	13	15	15.9
									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
									m^3/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
	kW	kW	HP	A	L/min	m	m		L/min	0	5	10	15	20	25	30	35	40	45	50	55	60
TP-60	0.55	0.37	0.50	2.5	40	35				35	31	27.5	23	19	15	11	7.5	4				
TP-70	0.80	0.55	0.75	3.8	45	50	9		H meter	50	45	40	34	29	24	18.5	13.5	9	5			
TP-80	1.10	0.75	1.00	5.2	50	55				55	52	48	43	38	33	28	22	17	11	5			

Other voltages and frequencies available on request.

OVERALL & INSTALLATION DIMENSIONS

Model	DIMENSIONS (mm)																PACKAGE DIMENSIONS & G.W.				
	DNA		DNM		a	f	h	h1	h2	h3	i	m	n	n1	w	s	A	B	H	kg	
	Inch	mm	Inch	mm																	
TP-60	1"	25	1"	25	29	230	192	156	34	190	110	80	150	100	55	7	280	170	210	6.8	H B A (mm)
TP-70	1"	25	1"	25	29	260	200	164	34	198	110	90	160	112	62	7	300	180	220	8.8	
TP-80	1"	25	1"	25	29	260	200	164	34	198	110	90	160	112	62	7	300	180	220	9.2	