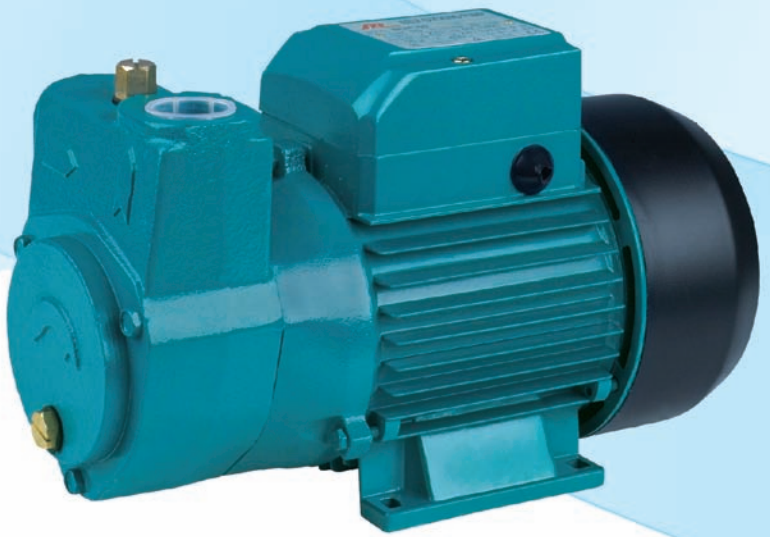


SOP Series Self-sucking Water Pump

APPLICATION

- SOP series self-sucking water pumps are new designed high efficiency house-hold electric pumps, with the motor and the pump mounted together. They have a special designed impeller, which make it good for pumping food oil.
- 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.

OPERATING CONDITIONS

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

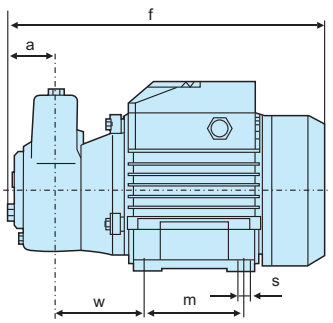
CONSTRUCT

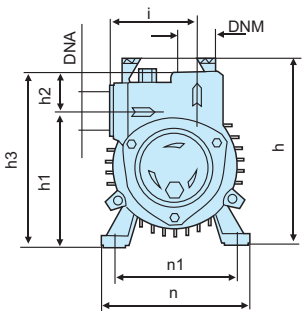
PUMP

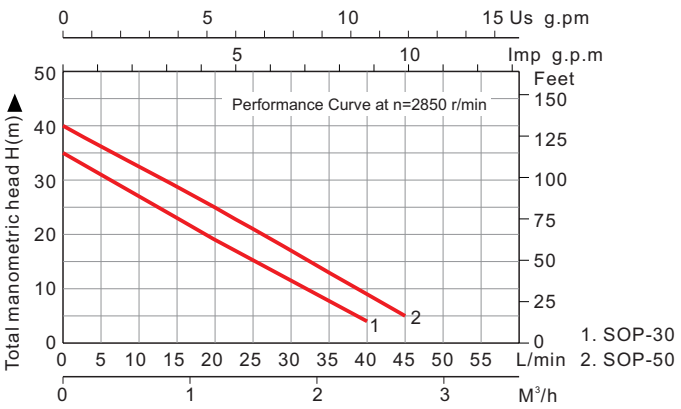
Pump Body: Cast Iron
Impeller: Brass
Mechanical Seal: Carbon/ Ceramic /Stainless Steel

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	3.96	5.28	6.605	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
SOP-30	0.80	0.600	0.80	3.80	40	35	9		H meter	35	31	27.5	23	19	15	11	7.5	4				
SOP-50	1.10	0.75	1.00	5.20	45	40				40	36	33	29	25	21	17.5	13	9	5			

Other voltages and frequencies available on request.

OVERALL & INSTALLATION DIMENSIONS

Model	DIMENSIONS (mm)																PACKAGE DIMENSIONS & G.W.				
	DNA		DNM																		
	Inch	mm	Inch	mm	a	f	h	h1	h2	h3	i	m	n	n1	w	s	A	B	H	kg	
SOP-30	1"	25	1"	25	45	291	179	136	31	167	85	90	134	112	77	7	330	150	185	7.5	H B A (mm)
SOP-50	1"	25	1"	25	45	291	179	136	31	167	85	90	134	112	77	7	330	150	185	8.3	