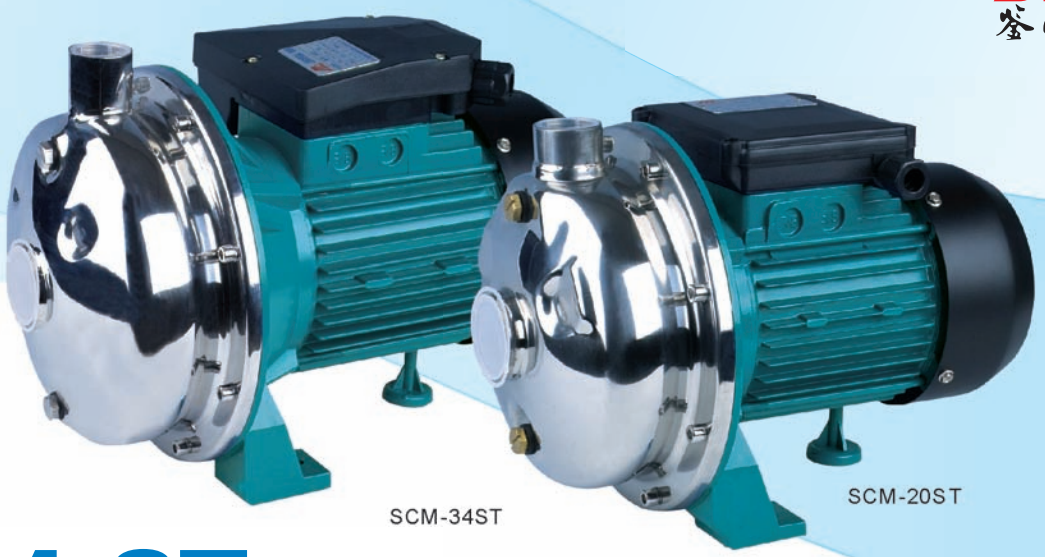


SCM-ST Series Stainless Steel Centrifugal Pump

APPLICATION

- SCM-ST series with stainless steel pump body and impeller are able to offer high flow rates, provide smooth, nonpulsating delivery, and regulate the flow rate over a wide range without damaging the pump.
- For the correct functioning of the pump, use clean water, or non-aggressive liquids charged with small solid impurities.
- To be used in flow irrigation system in gardening, agriculture and industrial fittings.

OPERATING CONDITIONS

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

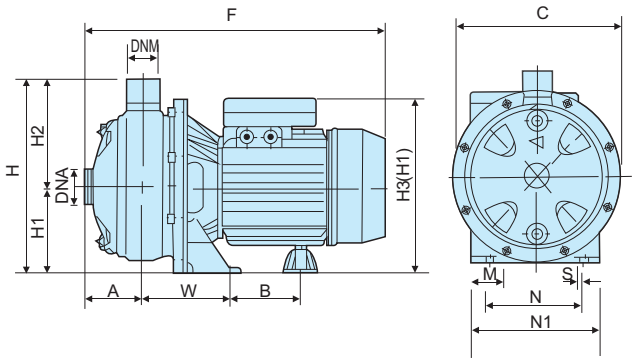
CONSTRUCT

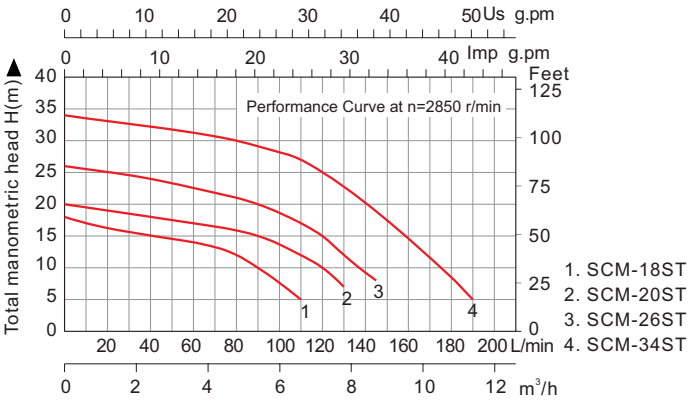
PUMP

Pump Body: Stainless Steel
Impeller: Stainless Steel
Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

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

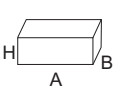




TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Q															
	Input max	Output Power		Current	Q.max	H.max	Suct.max		US g.p.m	0	5.28	10.6	15.9	21.1	23.78	29.1	31.7	34.3	38	42	46	50.2
									Imp g.p.m	0	4.4	8.8	13.2	17.6	19.8	24.2	26.4	28.6	32	35	39	41.8
									m^3/h	0	1.2	2.4	3.6	4.8	5.4	6.6	7.2	7.8	8.7	9.6	11	11.4
	kW	kW	HP	A	L/min	m	m		L/min	0	20	40	60	80	90	110	120	130	145	160	175	190
SCM-18ST	0.55	0.37	0.50	2.5	110	18	9	H meter		18	16	15	14	12	10	5						
SCM-20ST	0.80	0.55	0.75	3.8	130	20				20	19	18	17	16	15	12	10	7				
SCM-26ST	1.10	0.75	1.00	5.2	145	26				26	25	24	22.5	21	20	17	15	12	8			
SCM-34ST	1.50	1.10	1.50	7.0	190	34				34	33	32	31	30	29	27	25	23	19	14	10	5

Other voltages and frequencies available on request.

OVERALL & INSTALLATION DIMENSIONS

Model	DIMENSIONS (mm)																		PACKAGE DIMENSIONS & G.W.			
	DNA		DNM		A	C	F	H	H1	H2	H3	H4	M	N	N1	S	W	B	A	B	H	kg
	Inch	mm	Inch	mm																		
SCM-18ST	G1.25"	30	G1"	25	52	213	315	232	108	124	241	213	39	120	158	9	92	82	390	220	270	12.0
SCM-20ST	G1.25"	30	G1"	25	52	213	315	232	108	124	241	213	39	120	158	9	92	82	390	220	270	12.5
SCM-26ST	G1.25"	30	G1"	25	52	213	315	232	108	124	241	213	39	120	158	9	92	82	390	220	270	13.5
SCM-34ST	G1.25"	30	G1"	25	52	240	365	257	120	137	241	213	39	140	180	9	92	82	400	260	330	24.0