



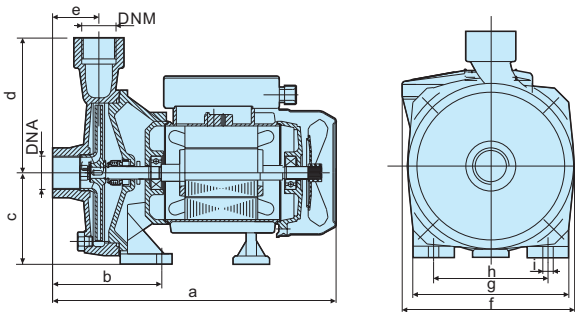
SCM Series Centrifugal Pump

APPLICATION

- Centrifugal pumps with single 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°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty



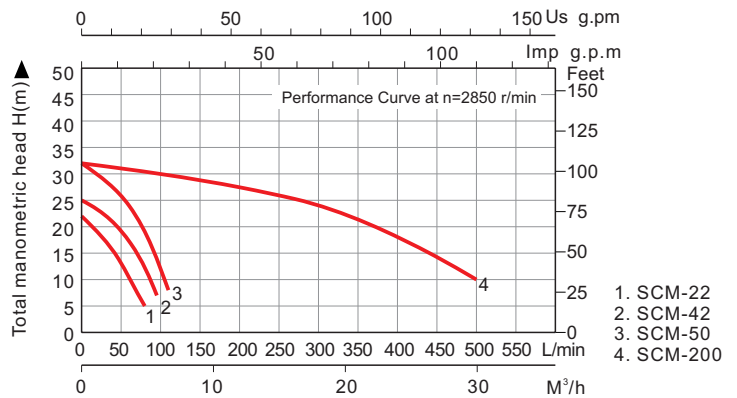
CONSTRUCT

PUMP

Pump Body: Cast Iron
 Impeller: Brass / Stainless steel
 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	H meter
	Input max kW	Output Power		Q.max L/min	H.max m	Suct.max m		
SCM-22	0.60	0.40	0.56	2.9	80	22	0 5.28 10.6 15.9 21.1 23.78 25.1 29.1 39.6 48 79 106 132 0 4.4 8.8 13.2 17.6 19.8 20.9 24.2 33 40 66 88 110 0 1.2 2.4 3.6 4.8 5.4 5.7 6.6 9 11 18 24 30 0 20 40 60 80 90 95 110 150 180 300 400 500	9
SCM-42	0.80	0.55	0.75	3.8	95	25		
SCM-50	1.10	0.75	1.00	5.2	110	32		
SCM-200	1.50	1.10	1.50	7.0	500	32		

Other voltages and frequencies available on request.

OVERALL & INSTALLATION DIMENSIONS

Model	DIMENSIONS (mm)																PACKAGE DIMENSIONS & G.W.				
	DNA		DNM		a	b	c	d	e	f	g	h	i	j	k	l	m	A	B	H	kg
SCM-22	1"	25	1"	25	275	100	83	114	43	160	150	108	10	--	--	--	--	310	170	230	8.8
SCM-42	1"	25	1"	25	303	108	98	144	45	165	181	140	10	--	--	--	--	340	210	260	12.0
SCM-50	1"	25	1"	25	303	108	98	144	45	185	181	140	10	--	--	--	--	340	210	260	13.6
SCM-200	2"	50	2"	50	370	151	107	171	57	214	182	135	11	--	--	--	--	378	228	300	24.5

