

Centrifugal Pump

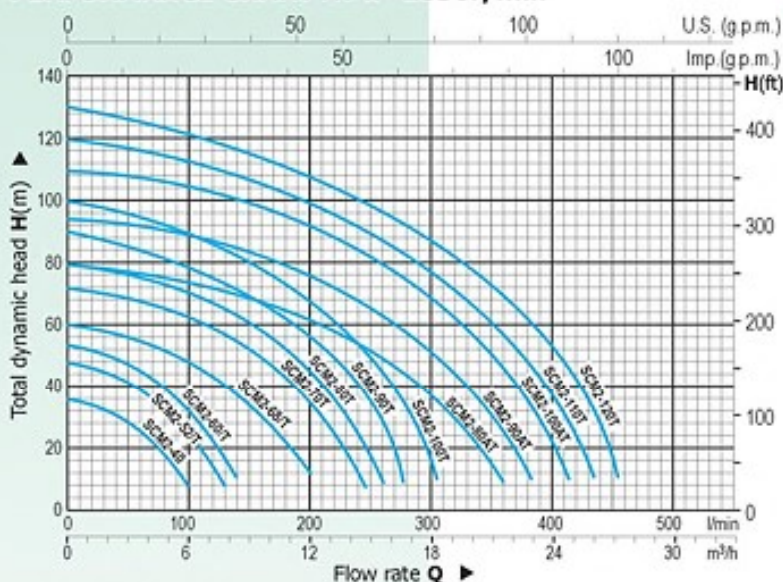


The SCM2 series are with two back to back impellers, it is use for high head values but if hard to reach with single impeller centrifugal pump. Suitable for civil and industrial uses to pump clean water and chemically non-aggressive liquid. Particularly be used for increasing the supply pressure, feeding boilers and loading extremely. These pumps should be installed in a covered area, protected against the weather.

SCM2 Series



PERFORMANCE CHART AT n=2850r/min



**Double Impeller
Higher Pressure**

- **Pump body:** Cast iron
- **Impeller:** Double brass impeller
- **Motor:** Closed, externally ventilated
- **Insulation class:** B (Class F if required)
- **Protection class:** IP44 / IP54
- **Duty:** Continuously rated
- **Mechanical seal:** $\phi 16$, $\phi 18$, $\phi 25$ silicon carbide/graphite
- **Shaft:** Stainless steel AISI 420

The normal power standard is 220V 50Hz single phase. Three phase 220/380V/50Hz, 220/440V/60Hz, Single phase 230V, 240V, 127V, 110V, 115V/60Hz models are available on request.



PERFORMANCE DATA

TYPE	Power		Ampere		R.P.M	Q.Max (l/min)	H.Max (m)	S.Head (m)	Pipe Dia	L×W×H (mm)	N.W (kg)
	HP	kW	1~220V	3~380V							
SCM2-40	1	0.75	5	1.8	2850	100	35	9	1"×1"	380×210×240	18.8
SCM2-52/T	1.5	1.1	7.5	2.7		130	48		1 1/4"×1"	415×255×320	23.5
SCM2-60/T	2	1.5	9.6	3.5		140	52		1 1/2"×1 1/4"	480×290×350	24.5
SCM2-68/T	3	2.2	13.5	5		200	60			31.0	
SCM2-70T	4	3	-	7.2		240	70			39.0	
SCM2-80T	5.5	4	-	9.3		260	84			42.5	
SCM2-90T	7.5	5.5	-	14.1		280	90			62.0	
SCM2-100T	10	7.5	-	15.0		300	105			62.0	
SCM2-80AT	10	7.5	-	15.0		360	80		2"×1 1/4"	570×290×360	68.0
SCM2-90AT	12.5	9	-	18.0		380	95			82.0	
SCM2-100AT	15	11	-	21.8		420	110			85.0	
SCM2-110T	17.5	13	-	26.3		440	120			110.0	
SCM2-120T	20	15	-	30.5		460	130		2"×1 1/2"	600×320×400	120.0

DIMENSIONS

TYPE	DIMENSIONS(mm)									
	a	f	h	H1	w	n	n1	g	s	
SCM2-40	80	350	235	100	68	-	138	10	10	
SCM2-52/T	84	393	264	116	65	211	165	11	10	
SCM2-60/T	84	393	264	116	65	211	165	11	10	
SCM2-68/T	95	420	285	125	80	230	185	12	12	
SCM2-70T	105	525	315	140	95	258	208	12	15	
SCM2-80T	105	525	315	140	95	258	208	12	15	
SCM2-90T	112	600	336	152	100	270	216	14	15	
SCM2-100T	105	590	336	152	100	270	216	14	15	
SCM2-80AT	105	590	336	152	100	270	216	14	15	
SCM2-90AT	112	590	336	152	100	270	216	14	15	
SCM2-100AT	112	625	336	152	100	270	224	14	15	
SCM2-110T	129	740	390	182	133	314	278	15	18	
SCM2-120T	129	740	390	182	133	314	278	15	18	

