

SCM2 and SDPT series two stage centrifugal pump



Applications and installation

The SCM2 series equipped with two back-to-back impellers, are specifically designed for higher head than single impeller pumps and have extremely high outputs. They are suitable for pumping clean water and chemically non-aggressive liquid, reliable, economical and simple to use. They can be used for pressure boosting washing systems, horticultural and agricultural irrigation applications, civil and domestic water transfer schemes, boiler, chiller and refrigeration systems.

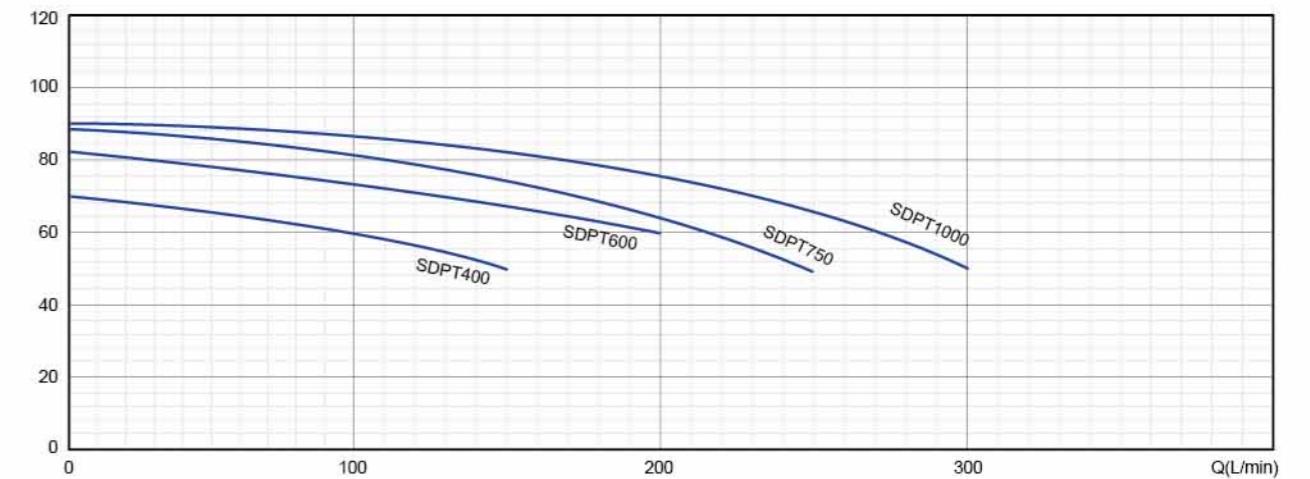
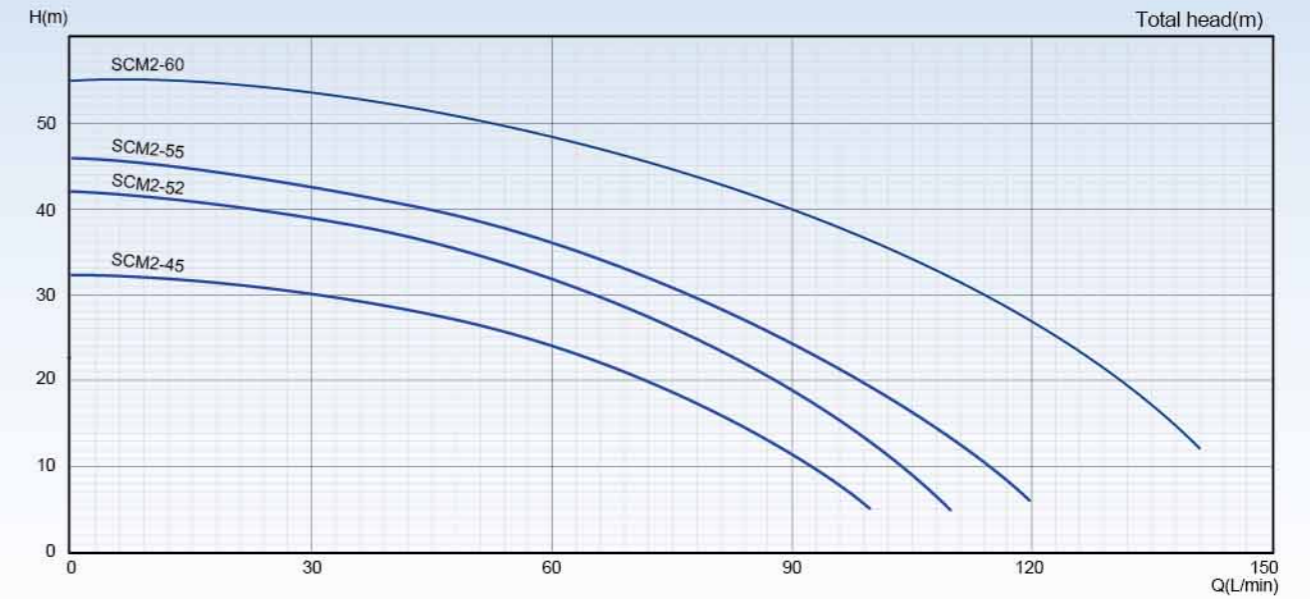
Pumps should be installed in a covered area, protected against the weather.

Construction features

Pump Body: cast iron
Motor Housing: aluminum
Shaft: 45# steel/stainless steel
Impeller: brass
Motor: closed, externally ventilated
Insulation Class: B/F
Protection Class: IP44/IP54
Duty: continuously rated
Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

Max ambient temperature up to 40°C
Max fluid temperature up to 80°C
Max pressure up to 10 bar



SCM2

Model	HP	KW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)												Packing Dimension mm			
								0	20	40	60	80	100	110	120	140							
SCM2-45	1	0.75	1.25" / 1"	9	100	32		32	31	28.5	24	16.5	5										358x200x250
SCM2-52	1.5	1.1	1.25" / 1"	9	110	42		42	40.5	37	32	24	12.5	5									420x230x280
SCM2-55	2	1.5	1.25" / 1"	9	120	46		46	44	41	36	29	19.5	13	6								420x230x290
SCM2-60	3	2.2	1.5" / 1.25"	9	140	55		55	54.5	52	49	43	36	32	27	12							420x230x290

Model	HP	KW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)												Packing Dimension mm				
								0	30	40	60	80	100	120	140	150	200	250	300					
SDPT400	4	3	1.5" / 1.25"	9	150	70		70	67	66	65	63	60	57	54	50								580x320x420
SDPT600	5.5	4	1.5" / 1.25"	9	200	82		82	80	79	78	76	74	72	69	66	60							640x350x440
SDPT750	7.5	5.5	1.5" / 1.25"	9	250	90		90	87.5	87	85	84	82	78	77	75	66	54						670x360x470
SDPT1000	10	7.5	1.5" / 1.25"	9	300	95		95	94	93	92	90.5	90	87	86	82	74	60	54					780x390x500