

Samtax Volumetric Peripheral Pump SPP Series



Specifications

The SPP series volumetric peripheral pumps are designed to develop high pressure (head) and little amount of discharge water with small power consumption, see performance curve. The pump body and motor bracket made of cast iron G20, impeller is forged brass, with steel shaft. The driven motor is permanent capacitor with single phase motor.

Application

The SPP Pumps can be used to pump cold and hot water (up to 80 C) in pressurized water network. It can be used for pumping water for industrial and domestic applications. Due to its high pressure pump characteristic, it can be used to feed high pressurized boilers and can be used as booster water pumps.

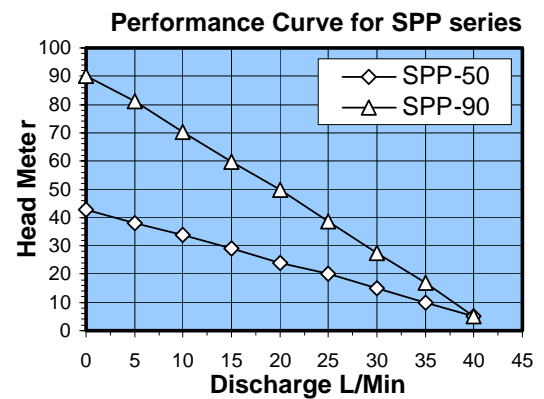
Electric Motor Data

Totally enclosed, fan-cooled, squirrel-cage motors.

Shaft speed : 3450 rpm
 Enclosure class : IP 54
 Insulation Class : B
 Cycle : 60 Hz
 Motor can be offered with and without overload protector. Shaft can be offered as steel or stainless steel

Model	Voltage	Current	Power
SPP 50	127/230V 230V	5.4/2.7A 2.7A	0.5HP, 1ph 0.5HP, 1ph
SPP 90	230V	5.6A	1HP, 1ph

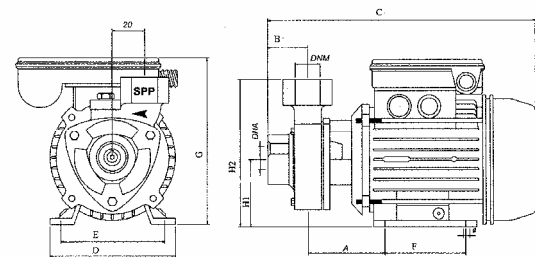
Performance Curve and Table



Performance Table

Model	Discharge L/Min								
	0	5	10	15	20	25	30	35	40
	Head (Meter)								
SPP 50	40	38	34	29	24	20	15	10	5
SPP 90	90	81	71	59	50	37	27	17	5

Dimension in mm



Model	A	B	C	D	E	F
SPP 50	60	52	265	120	100	78
SPP 90	75	60	308	135	110	88

Model	H1	H2	DNA	DN1
SPP 50	65	147	1" BSP	1" BSP
SPP 90	73	162	3/4" BSP	3/4" BSP

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