

Samtax Circulating Pump Model CPM 550



Specifications

Pump casing of the CPM 550 pump and motor bracket made from cast iron GG20. Blanched brass cast impellers. Ceramic mechanical seal with stainless steel spring resistance for hot water up to 90 degrees. Equip with high service factor motor has single or double voltages, single or three phases motor.

Application

The CPM 550 Pump can be used to circulate cold and hot water (up to 90 C) in pressurized water network. It can be used for circulating water for industrial and domestic applications.

Electric Motor Data

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

Shaft speed	:3450 rpm
Enclosure class	: IP 54
Insulation Class	: B
Supply voltage	: 1ph 127/230V Or 3ph 230/380V
Cycle	: 60 Hz
Current	: 3.8/1.2A (127/230V 1ph) or : 1.0/0.4A (230/380V 3ph).
Power	: 0.5 HP

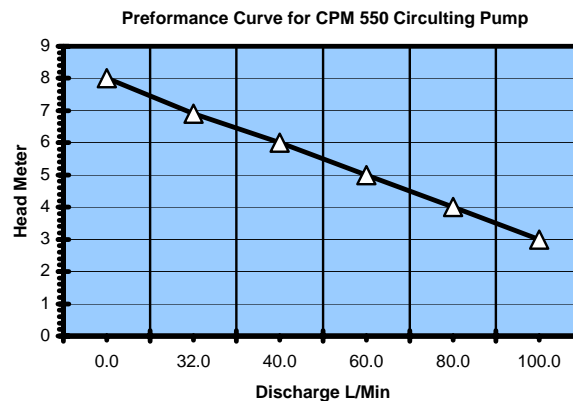
Motor can be offered with and without overload protector. Shaft can be offered as steel or stainless steel.

Pump Data

The CPM 550 pump is a centrifugal, non-self-priming pump online structure. The pump has two unions for easily disassemble for water network and maintenance conditions. The option unions have inlet and outlet ports of 1 1/4" BSP. The

operating conditions: 3 Meter at 100 L/Min to 7 Meter at 32 L/Min.

Performance Curve



Order information code

CPM 550 – A – B – C – D – E.

- A= 1 : Single phase motor.
- A= 3 : Three phase motor.
- B= 1 : 127/230V, 1 ph.
- B= 2 : 230V, 1ph.
- B= 3 : 230/380V 3ph.
- C= 0 : No overload protector.
- C= 1 : With overload protector (single voltage model only).
- D= SS : Stainless steel shaft.
- D= S : Steel shaft.
- E= 0 : Without 1 1/4" BSP steel unions.
- E= 1 : With 1 1/4" BSP steel unions.

Example :

CPM 550-1-1-0-S-0

Circulating pump model CPM 550, single phase, double voltage 127/230V, No overload, steel shaft without unions.

Packing Dimensions

30 cm (length) x 20 cm (width)
x 15 cm (depth – between suction and delivery ports).

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