

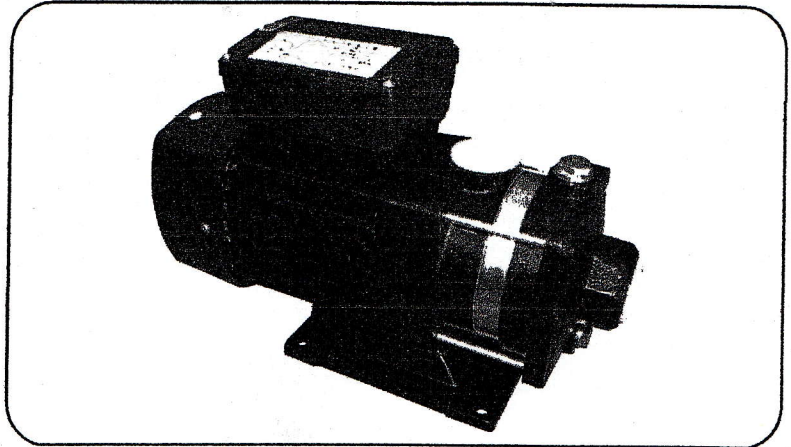
**STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP
MANUAL INSTRUCTION**

Application

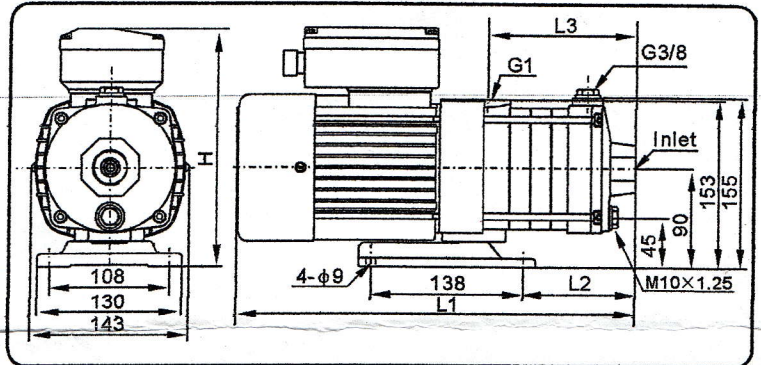
SMP series are mini horizontal centrifugal pump, have a wide application in domestic water supply, industry and constructions.

They are used for:

- Air-conditioning system
- Cooling system
- Industrial cleaning, conveyance and circulation of liquid.
- Water treatment (Water purification)
- Domestic water supply
- Boosting, environment
- Many other special using.



Contour dimension and weight



Working conditions

- Diluted, clean, non-flammable, and non-explosive
- liquid without solid grain or fibers ;
- Liquid temperature :
low temperature: -20°C ~ +15°C;
standard model: +15°C ~ +70°C;
high temperature: +70°C ~ +104°C;
- Max. environmental temperature: 50°C
- Max. operating pressure: 10 bar
- Max. suction pressure is limited by max. Operating pressure

Model	Size(mm)								Inlet
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
SMP-3-3(T)	380	124	158	216	380	124	158	194	G1
SMP-3-4(T)	389	133	167	216	389	133	167	194	G1 ^{1/4}
SMP-5-5(T)	443	187	221	216	443	187	221	194	

Performance table

Model		Driving motor P ₂ (kW)	Q (m ³ /h)	Flow rate					
Single Phase	Three Phase			1.0	1.5	2.0	2.5	3.0	3.5
SMP-3-3	SMP-3-3T	0.55	H (m)	43	40	35	33	28	22

Model		Driving motor P ₂ (kW)	Q (m ³ /h)	Flow rate					
Single Phase	Three Phase			2.0	3.0	4.0	5.0	6.0	7.0
SMP-3-4	SMP-3-4T	0.75	H (m)	36	33	30	26	20	13
SMP-5-5	SMP-5-5T	1.1		53	50	45	40	33	24

Motor

- 2-pole induction motor;
- three-phase: 220/380V/50Hz
- Single-phase: 220~240V/50Hz
- Single-phase with input thermal protector
- Insulation class: F
- Protection: IP55
- Continuous duty