

# "SP" SERIES

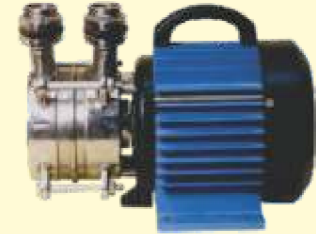
## APPLICATION

## SELF PRIMING PUMP

All clear liquids without solid suspensions like diesel, petrol, LPG, oil, solvents, syrup, dm water, chemicals, steam boiler feeding, evacuation of condensate water, boosting of pressure, as a drum/barrel pump.

## FEATURES

- All wetted parts of pumps are made from lost wax process (investment casting), so surface finish is excellent. Smooth flow path/ hydraulic passage and no casting defects like blow holes, cracks etc. are present.
- Centripetal / regenerative impeller for better suction.
- Pumps will be normally available in CF-8m /CF-8 (Gun metal, Alloy-20) and also in other material as per customer's requirements.
- Single /multistage pumps to handle crystal clear liquids for high pressure duties.
- Very quick priming & no need of foot valves.
- Very high suction capacity up to 8 meters without much noise
- Various types of sealing arrangements as per customer's liquid's characteristics.
- Normally fitted with carbon/ceramic seal faces with teflon cup and viton rubber.
- Pumps are available in monoblock and in bare type also with flameproof motor.
- All motors are of "TEFC" type
- Pump can be offered with electro polishing for some special requirements.
- Can handle temperature up to 80°C
- Trolley mount available.
- Also available with 120 Volt / 60 Hz.
- Custom built pumps are available.



SP-2/3



SP-1



SP-5/6

## WATER RATING CHART

MODEL	HP X RPM	SIZE	HEAD IN METERS														
			5	10	15	20	25	30	35	40	45	50	60	65	75		
SP-0	0.5 X 2900	12 X 12	15	10	8	5	0	DISCHARGE									
SP-1	0.5 X 2900	25 X 25	38	30	22	18	12	IN									
SP-2	0.5 X 2900	25 X 25	30	26	22	15	10	LITRE									
SP-3	1 X 2900	25 X 25	50	44	40	36	22	15	10	5	PER MINUTE						
SP-5	1 X 1450	25 X 25	62	55	50	40	35	28	20								
SP-6(2-STAGE)	2 X 1450	25 X 25	80	68	62	58	52	50	42	40	35	25	18	10			

Performance are at 2900/1450 RPM, 50 Hz and tested with Clear Water.

Due to constant R & D activity, detail's are subject to change without prior notice.

PUMP MODEL NO	SUCTION AND DELIVERY	HEAD IN METER	POWER IN HP	PERFORMANCE TABLE FOR SP SERIES					
				PERFORMANCE AT 1450 RPM					
		15	1	LPM	125	95	70	55	
SP-8(01 STAGE)	40	25	2	METER	9	15	20	25	
		20	1.5	LPM	125	120	102	95	86
SP-9(02 STAGE)	40	25	2	METER	15	20	25	30	35
		35	3						

