



## "SP" SERIES

### APPLICATION

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.

### SELF PRIMING PUMP



SP-2/3

### 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-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-2	0.5 X 2900	25 X 25	30	26	22	15	10			DISCHARGE					
SP-3	1 X 2900	25 X 25	50	44	40	36	22	15	10	5	LITRE IN				
SP-5	1 X 1450	25 X 25	62	55	50	40	35	28	20		PER MINUTE				
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						





SELF PRIMING BARE PUMP



SELF PRIMING MONOBLOCK PUMP



SELF PRIMING FLP MONOBLOCK PUMP



SELF PRIMING BARE WITH FLP MOTOR PUMP



SELF PRIMING  
FLANGE MOUNTED MONOBLOCK PUMP



SELF PRIMING  
MONOBLOCK PUMP WITH S.S TROLLEY

Video Link : <https://www.youtube.com/watch?v=tKwNnFnQwKI>  
<https://www.youtube.com/watch?v=iyqekvhCZxA>