

## CAVALLI

# SP SERIES SELF-PRIMING MECHANICAL PUMP



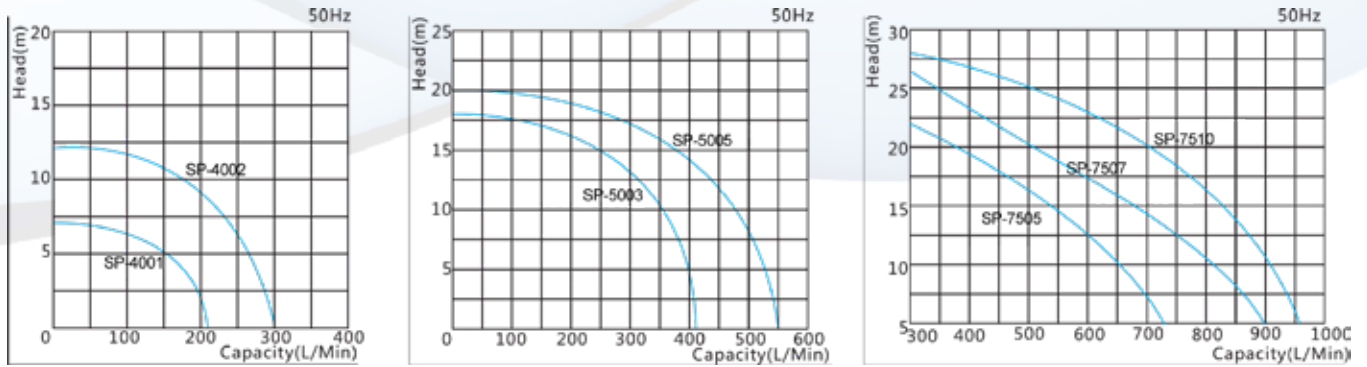
### FEATURES

- Shaft seal with self-cooling feature
- One-piece, high-efficiency impeller for longer life span
- Suitable for:
  - Chemical liquid
  - Circulation or transfer process
  - Electroplating
  - Chemical industry
  - Leather
  - Dyeing;
  - Wastewater
  - Waste gas treatment, etc.

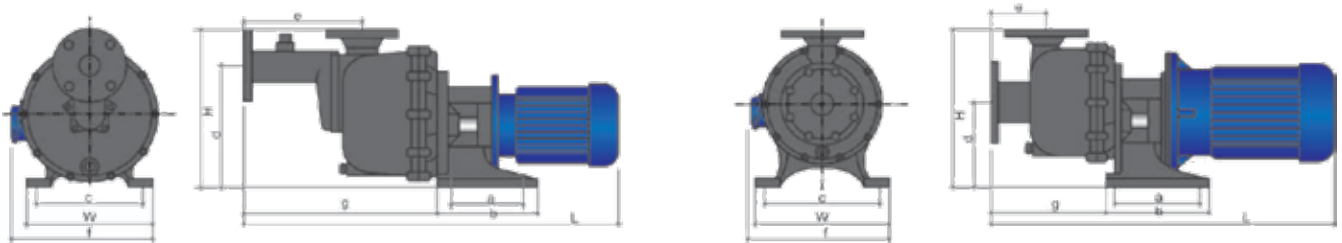
<b>SP</b>	<b>X</b>	-	<b>00</b>	<b>00</b>	-	<b>X</b>	<b>0</b>	<b>0</b>
SELF-PRIMING	MATERIAL P - GFRPP K - PVDF		CONNECTION 40 - 40mm 50 - 50mm 75 - 75mm	MOTOR SIZE 01 - 0.75kW 02 - 1.5kW 03 - 2.2kW 05 - 3.7kW 07 - 5.5kW 10 - 7.5kW		ELASTOMER E - EDPM V - FKM	MOTOR FREQUENCY 5 - 50Hz 6 - 60Hz	MOTOR POLES 2 - 2-poles 4 - 4-poles

MODEL	SUCTION (mm)	DISCHARGE (mm)	MAX FLOW (L/min)	MAX HEAD (m)	MOTOR (kW)	WEIGHT (kg)
SP-4001	40	40	210	7	0.75	30
SP-4002	40	40	300	12	1.5	34
SP-5003	50	50	410	18	2.2	40
SP-5005	50	50	550	20	3.0	43
SP-7505	75	75	730	22	3.7	45
SP-7507	75	75	900	26.5	5.5	52
SP-7510	75	75	960	28	7.5	55

## PERFORMANCE CURVES



## DRAWING & DIMENSIONS



Dimensions in mm

MODEL	L	W	H	a	b	c	d	e	g	f
SP-4001	705	250	335	142	197	205	262	243	396	331
SP-4002	705	250	335	142	197	205	262	243	396	335
SP-5003	760	250	335	142	197	205	258	242	396	335
SP-5005	760	250	335	142	197	205	258	108	320	335
SP-7505	734	250	330	142	325	205	159	108	320	335
SP-7507	900	282	425	250	329	205	240	108	320	420
SP-7510	905	282	425	250	329	205	240	108	320	420

# PART LIST

MODEL: SP-40 and SP-50



MODEL: SP-75



Ref	Item	SPP Series		SPK Series	
1	Self-Priming Cartridge	FRPP		PVDF	
2	Gasket	EPDM	Viton	EPDM	Viton
3	Pump Casing	FRPP		PVDF	
4	Plug with O-Ring	FRPP / EPDM	FRPP / Viton	PVDF / EPDM	PVDF / Viton
5	Check Valve	EPDM	Viton	EPDM	Viton
6	Check Cover	FRPP		PVDF	
7	Impeller Nut with O-Ring	FRPP / EPDM	FRPP / Viton	PVDF / EPDM	PVDF / Viton
8	Impeller	FRPP		PVDF	
9	Rotation Seal	SIC / EPDM	SIC / Viton	SIC / EPDM	SIC / Viton
10	Casing O-Ring	EPDM	Viton	EPDM	Viton
11	Rear Casing	FRPP		PVDF	
12	Seal Cover	FRPP / SIC / EPDM	FRPP / SIC / Viton	PVDF / SIC / EPDM	PVDF / SIC / Viton
13	Bracket	FRPP			
14	Flushing Tank Support	SS 304			
15	Flushing Tank	Polypropylene			
16	Flushing Tank Cover	Polypropylene			
17	Motor Adapter	FRPP			
18	Shaft Sleeve	FRPP		PVDF	
19	Shaft	SS 304		SS 304	
20	Motor	Aluminium	Cast Iron	Aluminium	Cast Iron