

PRAKASH

Quality, Reliability, Life

Swimming Pool Pump



www.prakashpump.com

Applications

- Home and Garden medium pool
- Cellars, drain pool, pond
- Flooded area, landscape fountains
- Domestic clean pool, light industrial
- Water circulation & filtration systems

Performance Range

- Capacity: up to 30 m3/h
- Head: up to 18 meters
- Speed: 2900 RPM

Application Limits

- liquid temperature 5° to 50°c
- PH: 6.5 to 8
- Ambient temperature up to 40°c
- Maximum suction: 3.5 meters

Motor details

- Power rating: 0.75kw – 2.2kw, 2 pole
- Power supply: Single phase 220-240Vac, 50Hz
Three phase 380-420Vac, 50Hz
- Insulation class: F
- Motor protection: Single phase built-in
- Protection class: IPX5
- Duty: S1
- Connection cable length: 1.5 meters

Feature

- These series of swimming pool pumps are self-priming centrifugal pumps with filter, it is mainly used in water circulation & filtration systems
- These swimming pool pumps are medium swimming pool pumps and designed from Italy technology
- These have been specifically designed to incorporate features that provide reliable and efficient pump operation
- Excellent suction head, best performance, suitable pre-filter, stable running and low noise

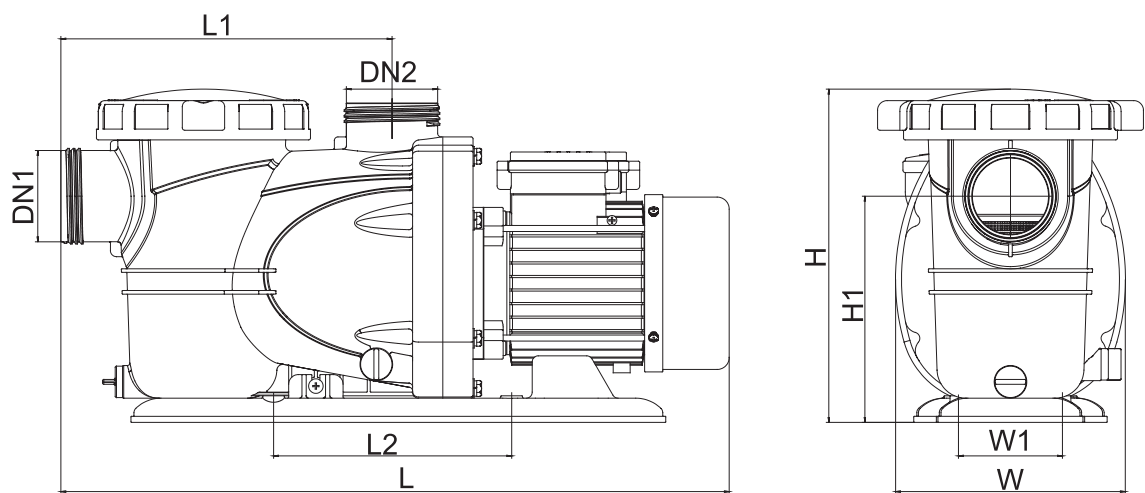
Pump Selection Chart

Model	Power		Volt (50Hz)	Speed (RPM)	Connection	Inlet (mm)	Outlet (mm)	Max. Flow (m3/h)	Max. Head (Mtr)	Net Weight (Kg)
	Kw	HP								
PSPP-1.5	1.1	1.5	220-240v	2900	capacitor inbuilt	48.5/50	48.5/50	22	15	10.5
PSPP-2.0	1.5	2.0						27	17	14.5
PSPP-3.0	2.2	3.0						30	18	16.5
PSPP-3.0T	2.2	3.0	380-420v		Star			30	18	16

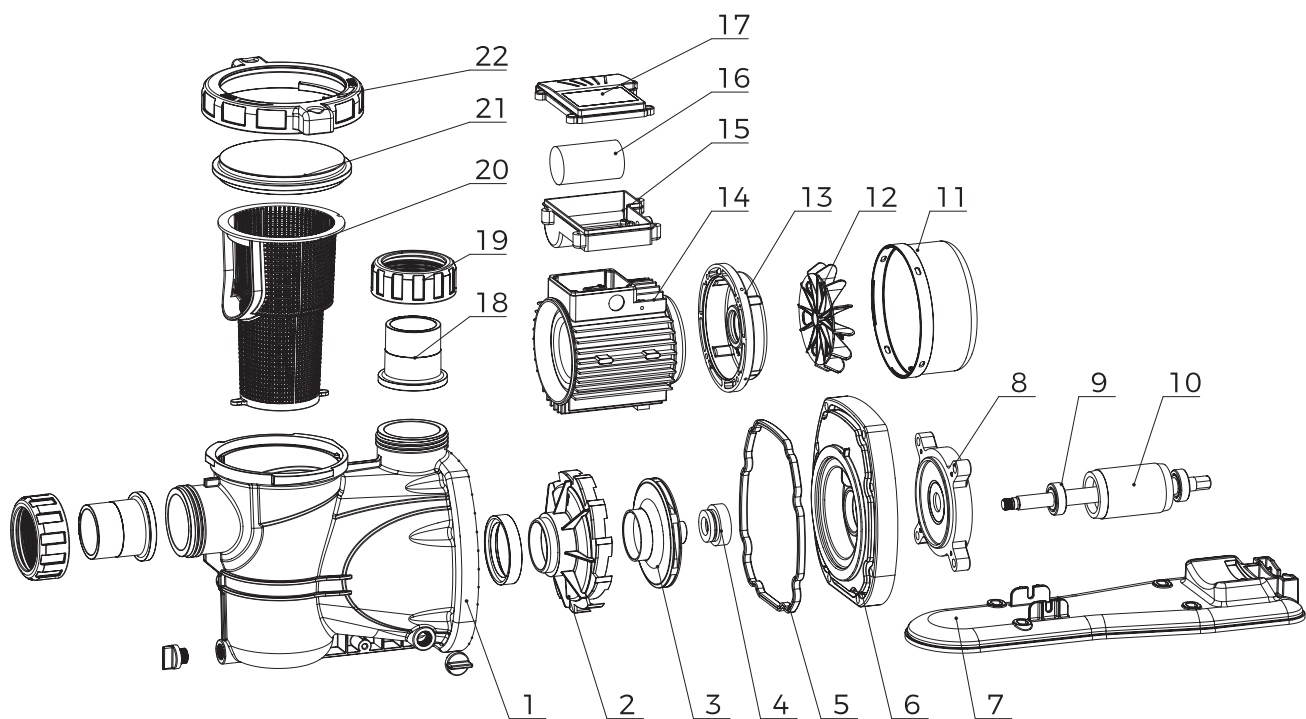
Dimension (mm)

Model	Dn1	Dn2	L	W	H	L1	L2	H1
PSPP-1.5	48.5/50	48.5/50	554	190	276	274	197	187
PSPP-2.0			584	190	276	274	197	187
PSPP-3.0			584	190	276	274	197	187
PSPP-3.0T			584	190	276	274	197	187

G.A Drawing



Exploded View



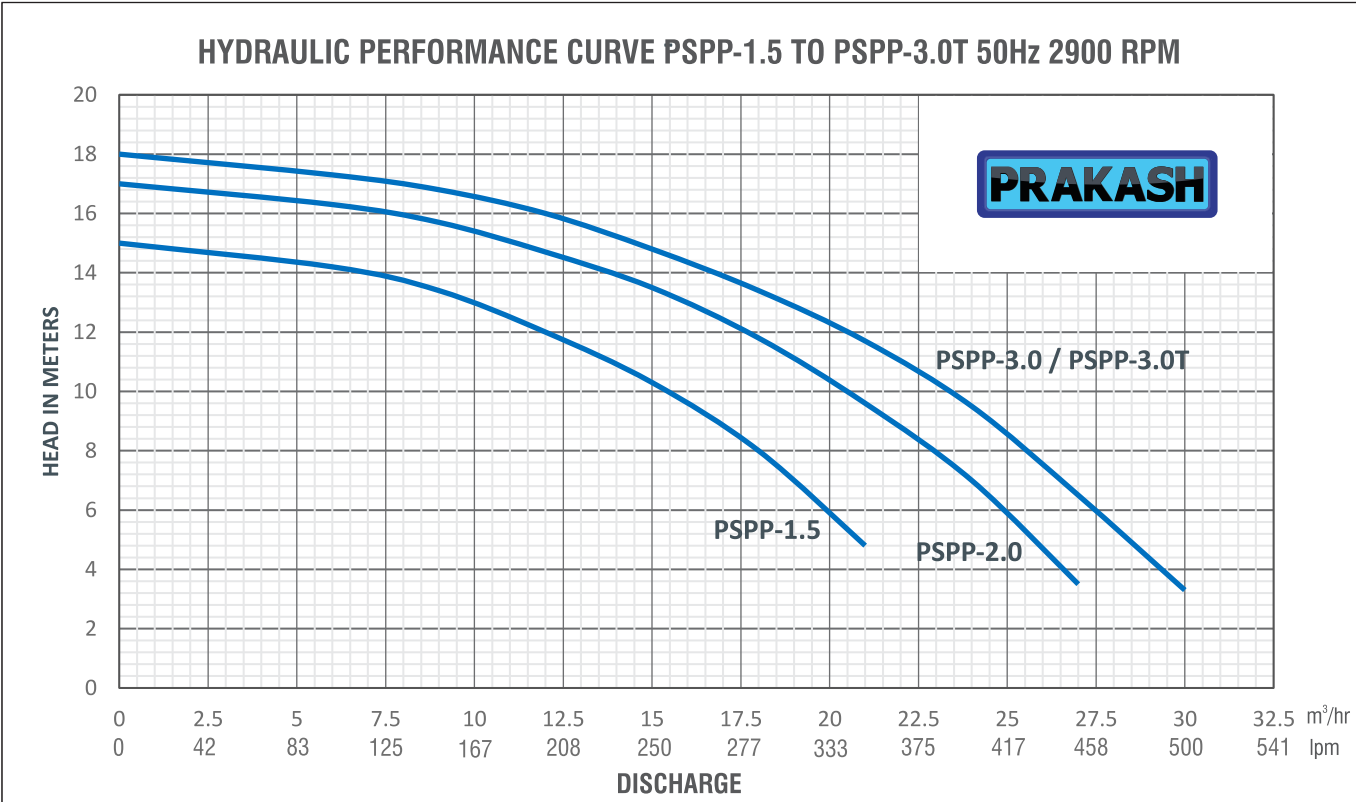
Material of Construction (MOC)

No (code)	Parts name	Material	No (Code)	Parts name	Material
1	Pump body	PP-G	12	Fan	ABS
2	Diffuser	PP-G	13	End plate	ADC12
3	Impeller	PPO	14	Motor stator	AL
4	Mechanical Seal		15	Terminal box	ABS
5	Switch seal Washer	NBR	16	Capacitor	
6	Plastic rack	PP-G	17	Terminal cover	ABS
7	Bottom board	PP	18	Water outlet connection	PVC
8	Pump support	ZL102	19	Nut	ABS
9	Ball bearing		20	Sieve	PP
10	Rotor	PP-G	21	Pump cover	PC
11	Fan cover	PP	22	Pump cover nut	Pa6

Pump Performance Chart

Model	Power		Q	US GPM	0	26	40	53	250	279	92	106	119	132
	Kw	HP		M³/H	0	6	9	12	15	18	21	24	27	30
				LPM	0	100	150	200	250	300	350	400	450	500
PSPP-1.5	1.1	1.5	Head (m)		15	14.2	13.4	12	10.3	8	4.8			
PSPP-2.0	1.5	2.0			17	16.3	15.7	14.7	13.5	11.8	9.6	7	3.5	
PSPP-3.0	2.2	3.0			18	17.3	16.8	16	14.8	13.4	11.7	9.5	6.5	3.3
PSPP-3.0T	2.2	3.0			18	17.3	16.8	16	14.8	13.4	11.7	9.5	6.5	3.3

Pump Performance Curve





Office in India

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