



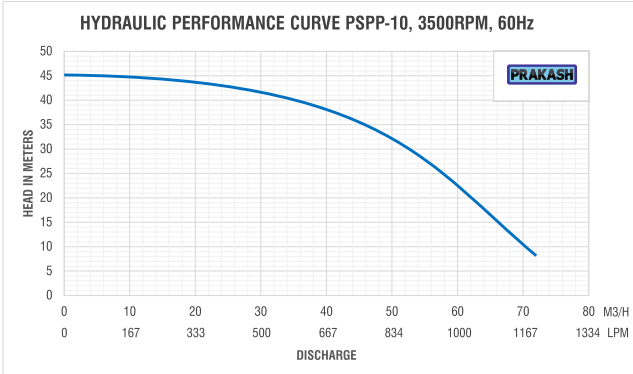
Quality, Reliability, Life

Solo Industrial Pump



www.prakashpump.com

Model : PSPP-10



Application

- Civil agricultural, Industries, & General plant use
- Hot & cold water circulation
- Residential & commercial chiller plant
- Spray or flowing irrigation
- Autoclave feed
- High pressure equipment system supporting

Application Limits

- Liquid temperature : up to 105°C
- Ambient temperature : up to 40°C
- Max. suction : up to 8 m
- Max. operating pressure : 10 bar
- Liquid PH : 6-8
- Altitude : <1000m

Material of Construction (MOC)

- Pump body : Cast iron
- Bracket : Cast iron
- Impeller : Stainless steel 304
- Shaft : Stainless steel 304
- Mechanical seal : Sic/Ceramic/NBR

Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4 / IP54
- Insulation class : F
- Voltage : 380-420v, 60Hz

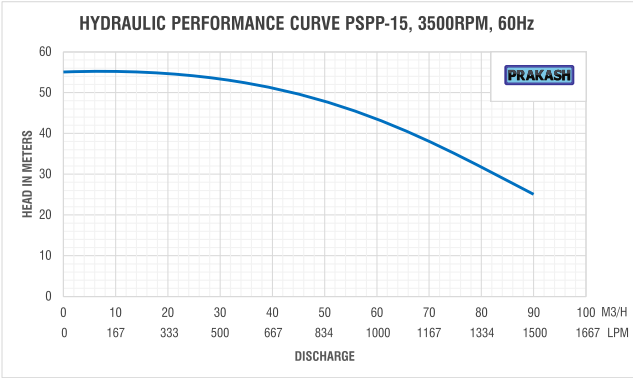
Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PSPP-10	7.5	10	380-420	3 ϕ	3500	3"x 3"	72	45	8

Performance Chart

Model	Power		Q	US GPM	0	40	66	90	119	159	211	317
	Kw	HP		M3/H	0	9	15	21	27	36	48	72
				LPM	0	150	250	350	450	600	800	1200
PSPP-10	7.5	10	HEAD (m)		45	44	43	42	41	39	33	8

Model : PSPP-15



Application

- Civil agricultural, Industries, & General plant use
- Hot & cold water circulation
- Residential & commercial chiller plant
- Spray or flowing irrigation
- Autoclave feed
- High pressure equipment system supporting

Material of Construction (MOC)

- Pump body : Cast iron
- Bracket : Cast iron
- Impeller : Stainless steel 304
- Shaft : Stainless steel 304
- Mechanical seal : Sic/Ceramic/NBR

Application Limits

- Liquid temperature : up to 105°C
- Ambient temperature : up to 40°C
- Max. suction : up to 8 m
- Max. operating pressure : 10 bar
- Liquid PH : 6-8
- Altitude : <1000m

Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4 / IP54
- Insulation class : F
- Voltage : 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PSPP-15	11	15	380-420	3 ϕ	3500	3"x 3"	90	55	8

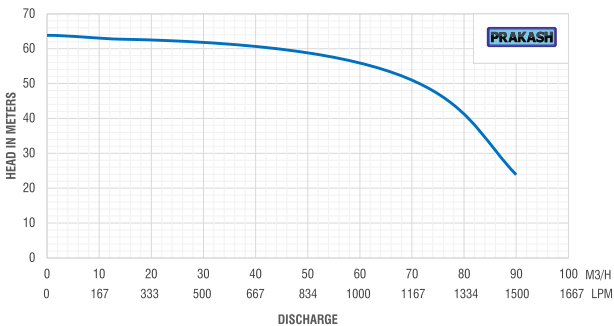
Performance Chart

Model	Power		Q	US GPM	0	40	90	119	159	211	317	396
	Kw	HP		M3/H	0	9	21	27	36	48	72	90
				LPM	0	150	350	450	600	800	1200	1500
PSPP-15	11	15	HEAD (m)		55	54.5	54.5	53.5	52	48	36	24

Model : PSPP-20



HYDRAULIC PERFORMANCE CURVE PSPP-20, 3500RPM, 60Hz



Application

- Civil agricultural, Industries, & General plant use
- Hot & cold water circulation
- Residential & commercial chiller plant
- Spray or flowing irrigation
- Autoclave feed
- High pressure equipment system supporting

Material of Construction (MOC)

- Pump body : Cast iron
- Bracket : Cast iron
- Impeller : Stainless steel 304
- Shaft : Stainless steel 304
- Mechanical seal : Sic/Ceramic/NBR

Application Limits

- Liquid temperature : up to 105°C
- Ambient temperature : up to 40°C
- Max. suction : up to 8 m
- Max. operating pressure : 10 bar
- Liquid PH : 6-8
- Altitude : <1000m

Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4 / IP54
- Insulation class : F
- Voltage : 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PSPP-20	15	20	380-420	3 ϕ	3500	3"x 3"	90	65	8

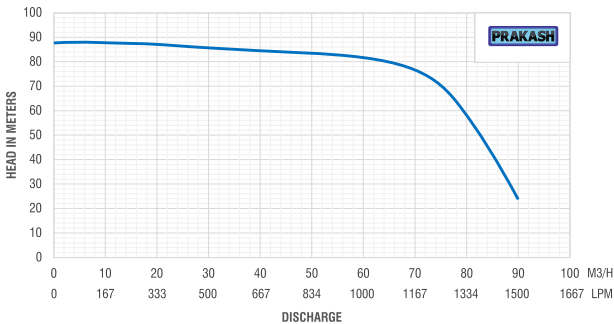
Performance Chart

Model	Power		Q	US GPM	0	40	90	119	159	211	317	396
	Kw	HP		M3/H	0	9	21	27	36	48	72	90
				LPM	0	150	350	450	600	800	1200	1500
PSPP-20	15	20	HEAD (m)		65	64	62	62	62	61	50	40

Model : PSPP-30



HYDRAULIC PERFORMANCE CURVE PSPP-30, 3500RPM, 60Hz



Application

- Civil agricultural, Industries, & General plant use
- Hot & cold water circulation
- Residential & commercial chiller plant
- Spray or flowing irrigation
- Autoclave feed
- High pressure equipment system supporting

Material of Construction (MOC)

- Pump body : Cast iron
- Bracket : Cast iron
- Impeller : Stainless steel 304
- Shaft : Stainless steel 304
- Mechanical seal : Sic/Ceramic/NBR

Application Limits

- Liquid temperature : up to 105°C
- Ambient temperature : up to 40°C
- Max. suction : up to 8 m
- Max. operating pressure : 10 bar
- Liquid PH : 6-8
- Altitude : <1000m

Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4 / IP54
- Insulation class : F
- Voltage : 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PSPP-30	22	30	380-420	3 ϕ	3500	3"x 3"	90	88	8

Performance Chart

Model	Power		Q	US GPM	0	40	90	119	159	211	317	396
	Kw	HP		M3/H	0	9	21	27	36	48	72	90
				LPM	0	150	350	450	600	800	1200	1500
PSPP-30	22	30	HEAD (m)		88	88	86.5	86	85	84.5	75	65

PRAKASH

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