



Quality, Reliability, Life

Openwell Submersible Pump

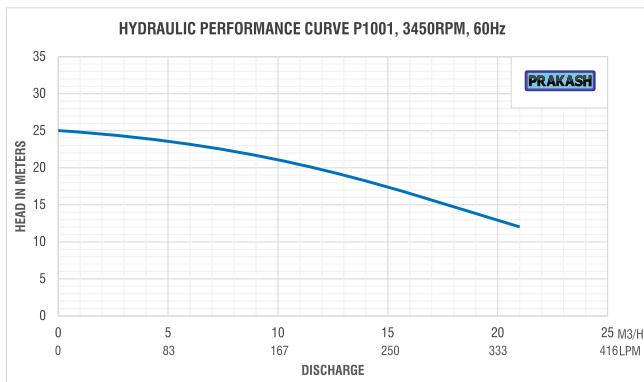


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6" Openwell Submersible Pump

PRAKASH

Model : P1001



Application

- For water supply from open wells, tanks or reservoirs
- For domestic use, civil and industrial application
- For garden and irrigation, utilization of rain water

Material of Construction (MOC)

- Motor casing : Stainless steel 304
- Diffuser : PP0
- Impeller : Stainless steel 304
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Carbon-ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Minimum diameter of well : Ø155 mm
- Maximum immersion depth : up to 20 m
- With extra suction cover for more safety
- Liquid PH : 6-8

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 220-240v, 60Hz
- Float switch : built-in
- Control box capacitor & thermal device

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (LPM)	Max. Head (Mtr)
	Kw	HP						
P1001	1.5	2.0	220-240	1 ϕ	3450	2"	350	25

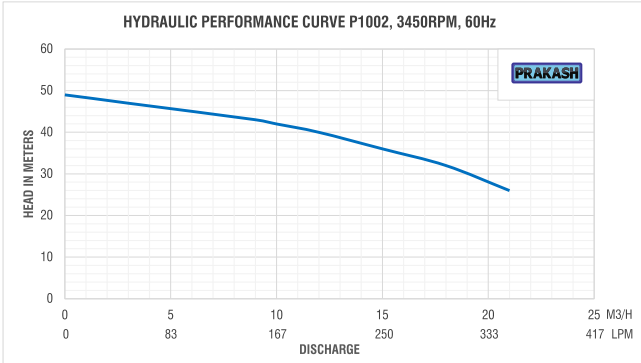
Performance Chart

Model	Power		Q	US GPM	0	13.2	39.6	44.0	52.8	66.1	79.5	92.5
	Kw	HP		M3/H	0	3	9	10	12	15	18	21
				LPM	0	50	150	167	200	250	300	350
P1001	1.5	2.0	HEAD (m)		25	24	22	21	20	17	15	12

6” Openwell Submersible Pump



Model : P1002



Application

- For water supply from open wells, tanks or reservoirs
- For domestic use, civil and industrial application
- For garden and irrigation, utilization of rain water

Material of Construction (MOC)

- Motor casing : Stainless steel 304
- Diffuser : PPO
- Impeller : Stainless steel 304
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Carbon-ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Minimum diameter of well : Ø155 mm
- Maximum immersion depth : up to 20 m
- With extra suction cover for more safety
- Liquid PH : 6-8

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 220-240v, 60Hz
- Float switch : built-in
- Control box capacitor & thermal device

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (LPM)	Max. Head (Mtr)
	Kw	HP						
P1002	2.2	3.0	220-240	1 ϕ	3450	2"	350	49

Performance Chart

Model	Power		Q	US GPM	0	13.2	39.6	44	52.8	66.1	79.5	92.5
	Kw	HP		M3/H	0	3	9	10	12	15	18	21
				LPM	0	50	150	167	200	250	300	350
P1002	2.2	3.0	HEAD (m)		49	47	43	42	40	36	32	26

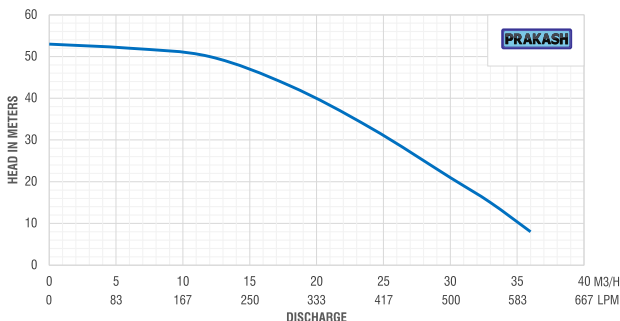
8" Openwell Submersible Pump

PRAKASH

Model : PQXNSP-5.5



HYDRAULIC PERFORMANCE CURVE PQXNSP-5.5, 3450RPM, 60Hz



Application

- For water supply from open wells, tanks or reservoirs
- For mining, building, factory and industrial application
- For garden and irrigation, utilization of rain water

Material of Construction (MOC)

- Outer casing : Stainless steel
- Diffuser : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Sic-sic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Minimum diameter of well : Ø200 mm
- Maximum immersion depth : up to 20 m
- Liquid PH : 6-8

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : B/F
- Voltage : 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)
	Kw	HP						
PQXNSP-5.5	4.0	5.5	380-420	3 ϕ	3450	3"	36	53

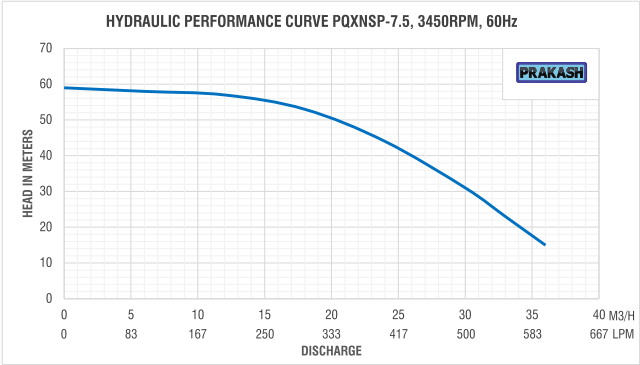
Performance Chart

Model	Power		Q	US GPM	0	26	53	79	106	132	145	159
	Kw	HP		M3/H	0	6	12	18	24	30	33	36
				LPM	0	100	200	300	417	500	550	600
PQXNSP-5.5	4.0	5.5	HEAD (m)	53	52	50	43	33	21	15	8	

8” Openwell Submersible Pump

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Model : PQXNSP-7.5



Application

- For water supply from open wells, tanks or reservoirs
- For mining, building, factory and industrial application
- For garden and irrigation, utilization of rain water

Material of Construction (MOC)

- Outer casing : Stainless steel
- Diffuser : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Sic-sic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Minimum diameter of well : Ø200 mm
- Maximum immersion depth : up to 20 m
- Liquid PH : 6-8

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : B/F
- Voltage : 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)
	Kw	HP						
PQXNSP-7.5	5.5	7.5	380-420	3 ϕ	3450	3"	36	59

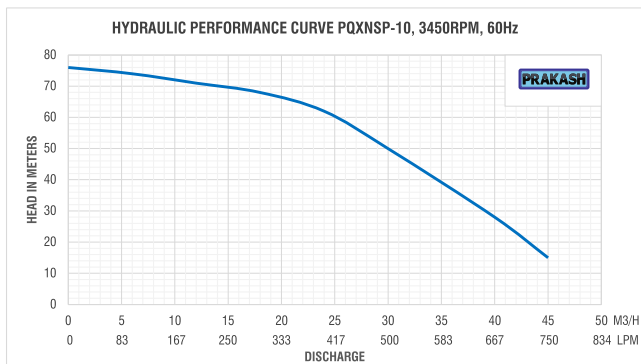
Performance Chart

Model	Power		Q	US GPM	0	26	53	79	106	132	145	159
	Kw	HP		M3/H	0	6	12	18	24	30	33	36
				LPM	0	100	200	300	417	500	550	600
PQXNSP-7.5	5.5	7.5	HEAD (m)	59	58	57	53	44	31	23	15	

8" Openwell Submersible Pump

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Model : PQXNSP-10



Application

- For water supply from open wells, tanks or reservoirs
- For mining, building, factory and industrial application
- For garden and irrigation, utilization of rain water

Material of Construction (MOC)

- Outer casing : Stainless steel
- Diffuser : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Sic-sic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Minimum diameter of well : ø200 mm
- Maximum immersion depth : up to 20 m
- Liquid PH : 6-8

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : B/F
- Voltage : 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)
	Kw	HP						
PQXNSP-10	7.5	10	380-420	3 ϕ	3450	3"	45	76

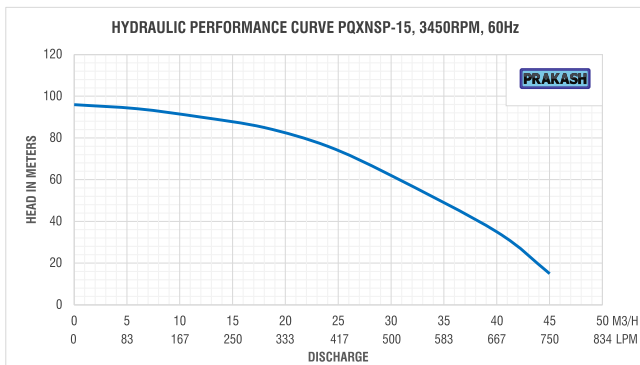
Performance Chart

Model	Power		Q	US GPM	0	26	53	79	106	132	176	198
	Kw	HP		M3/H	0	6	12	18	24	30	40	45
				LPM	0	100	200	300	417	500	667	750
PQXNSP-10	7.5	10	HEAD (m)		76	74	71	68	62	50	28	15

8" Openwell Submersible Pump

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Model : PQXNSP-15



Application

- For water supply from open wells, tanks or reservoirs
- For mining, building, factory and industrial application
- For garden and irrigation, utilization of rain water

Material of Construction (MOC)

- Outer casing : Stainless steel
- Diffuser : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Sic-sic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Minimum diameter of well : $\varnothing 200$ mm
- Maximum immersion depth : up to 20 m
- Liquid PH : 6-8

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : B/F
- Voltage : 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)
	Kw	HP						
PQXNSP-15	11	15	380-420	3 ϕ	3450	3"	45	96

Performance Chart

Model	Power		Q	US GPM	0	26	53	79	106	132	176	198
	Kw	HP		M3/H	0	6	12	18	24	30	40	45
				LPM	0	100	200	300	417	500	667	750
PQXNSP-15	11	15	HEAD (m)		96	94	90	85	76	62	35	15

PRAKASH

Office in India

PRAKASH PUMP

Survey No. 479, Opp. Supreme Estate-1, Zak Kadadara Road, Vill. - Kadadara,
Tal. Dahegam, Gandhinagar, Gujarat 382305 INDIA E-mail: sale@prakashpump.com

Distributor Office for Middle East

PRAKASH PUMP EST

P.O. Box: 20973 Industrial Area Al Ain (United Arab Emirates)
Tel.: +971 3 7222733 Mob.: +971 50 6731283 E-mail: sale@prakashpump.com

Distributor Office for Oman

GLOBAL EQUIPMENT MATERIAL CO. LLC

P.O. Box. 227, Postal Code: 320 Nakhal Road, Barka (Sultanate of Oman)
Tel.: +968 26883982 Mob.: +968 94584686 E-mail: oman@prakashpump.com

Distributor Office for Saudi Arabia

PRAKASH PUMP INDUSTRY

P.O. Box 14327, Bldg. 3616, Al Marwah 6447, Al Mishael Riyadh City, (Kingdoms of Saudi Arabia)
Sulay Exit 18. Mobile: +966 539811109 Email: saudi@prakashpump.com

Factory Address

PANJI ENGINEERING PVT LTD

Survey No. 479, Opp. Supreme Estate-1, Zak Kadadara Road, Vill. - Kadadara,
Tal. Dahegam, Gandhinagar, Gujarat 382305 INDIA E-mail: sale@prakashpump.com



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sale@prakashpump.com / oman@prakashpump.com
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