



Quality, Reliability, Life

8" Submersible Pump



www.prakashpump.com

8 Inch Submersible Pump

Applications

- For mining, building, factory and industrial applications.
- For water supply from wells, tanks or reservoirs.
- For garden use and agricultural irrigation.

Performance Range

- Capacity: up to 35 m³/hr
- Head: up to 103 meter

Application Limits

- Water temperature : up to 45°C
- Maximum immersion depth : 20 m
- PH: 6.5 TO 8.5

Motor Details

- Power supply : Three Phase 380V ± 10%,50Hz
- Power : 4kW(5.5HP) to 11kW(15HP)
- Insulation Class : B
- Protection : Ip68
- Cable length : 15m



Feature and benefits

- Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed.
- Electric motor cooled by pumped liquid for long life.

Dual purpose water outlet joint

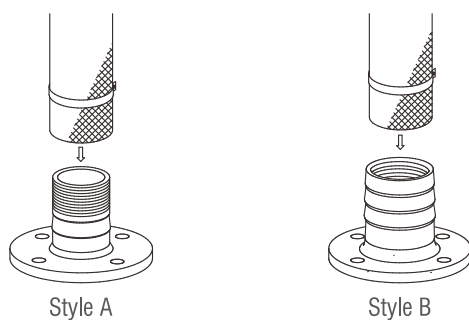


diagram of using hose

Outlet	Style	Hose	Steel Pipe		
D		I.D.	G	Transition Point	Nominal pipe diameter
50	A	50	G1½"	G1½" → G2"	50
65	A	65	G2"	G2" → G2½"	65
80	A	80	G2½"	G2½" → G3"	80
100	B	100	G3"	G3" → G4"	100

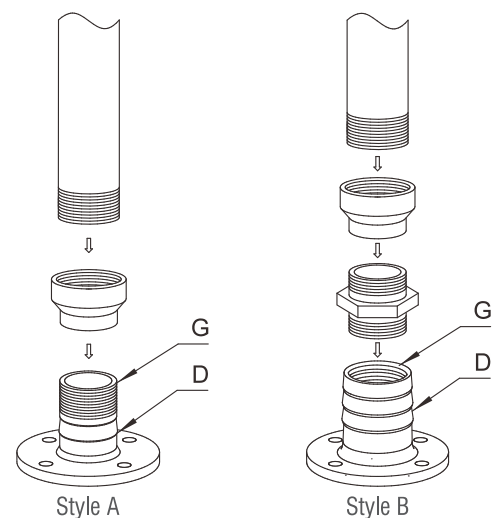


diagram of use steel pipe

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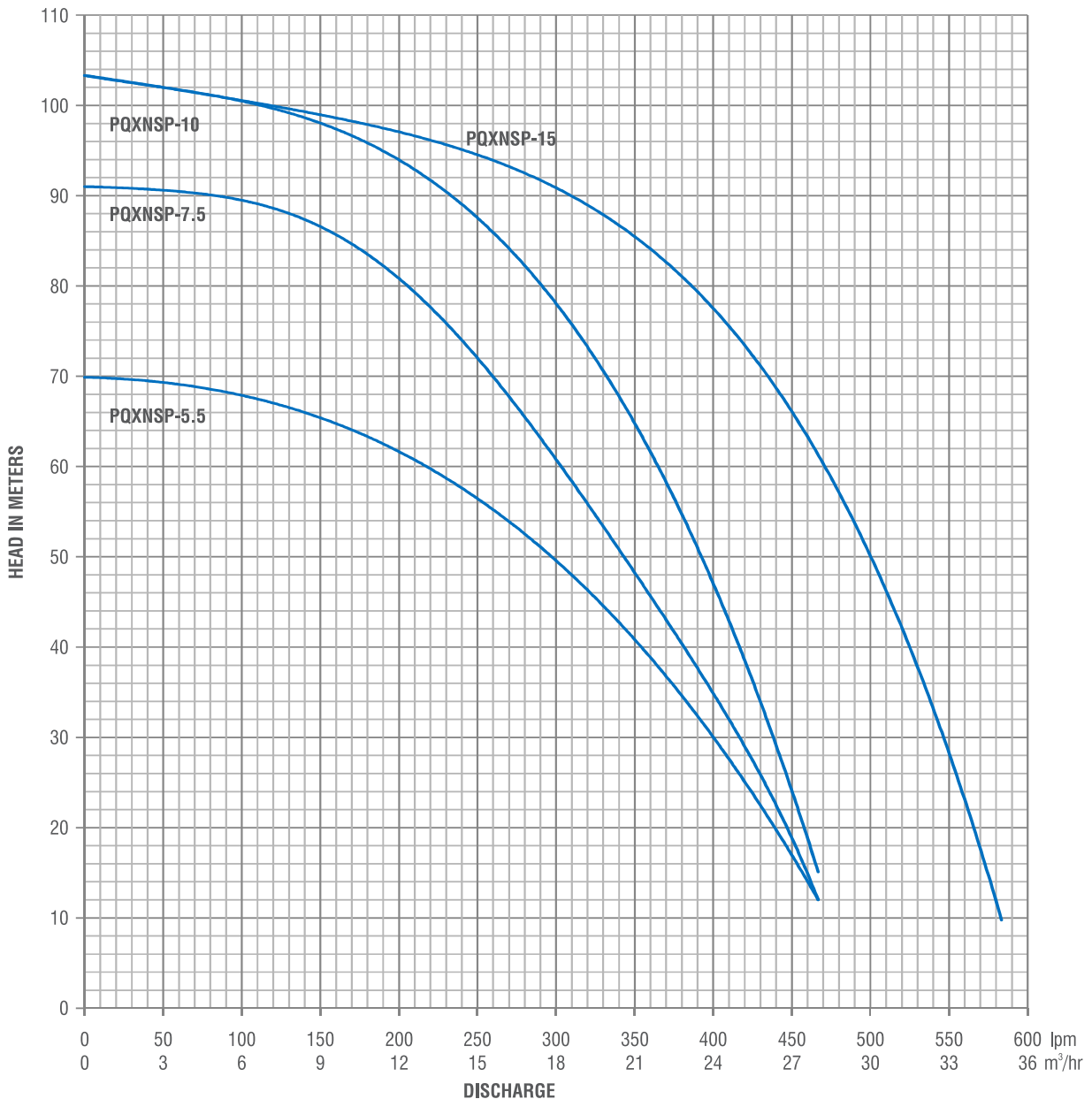
Pump Selection Chart

Model	Power		Voltage	Outlet (Inch)	Max. Capacity (m ³ /h)	Max. Head (m)	N.W
	KW	HP					(kg)
PQXNSP-5.5	4.0	5.5	H (m)	2" std(2.5" & 3" Optional)	28	70	72
PQXNSP-7.5	5.5	7.5		2"std(2.5" & 3" Optional)	28	91	79
PQXNSP-10	7.5	10		2"std(2.5" & 3" Optional)	28	103	96
PQXNSP-15	11	15		2.5"std(3" Optional)	35	103	110

Motor Pump Set Performance Table

Model	Power		Q	US GPM	0	22	44	66	88	110	123	132	154
	KW	HP		M ³ /H	0	5	10	15	20	25	28	30	35
				LPM	0	83	167	250	333	417	467	500	583
PQXNSP-5.5	4.0	5.5	H (m)	70	68	65	56	44	26	12			
PQXNSP-7.5	5.5	7.5		91	90	85	72	52.5	30	12			
PQXNSP-10	7.5	10		103	102	96	87.5	70	40	15			
PQXNSP-15	11	15		103	102	98	93	89	75	60	50	10	

HYDRAULIC PERFORMANCE CURVE PQXNSP-5.5 TO PQXNSP-15 50Hz 2900 rpm





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PRAKASH PUMP

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