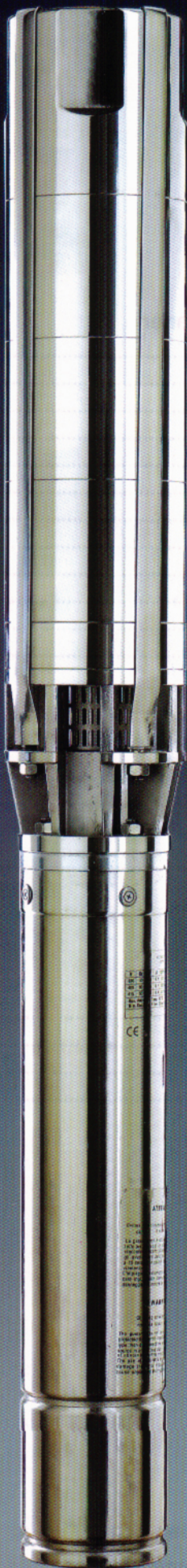
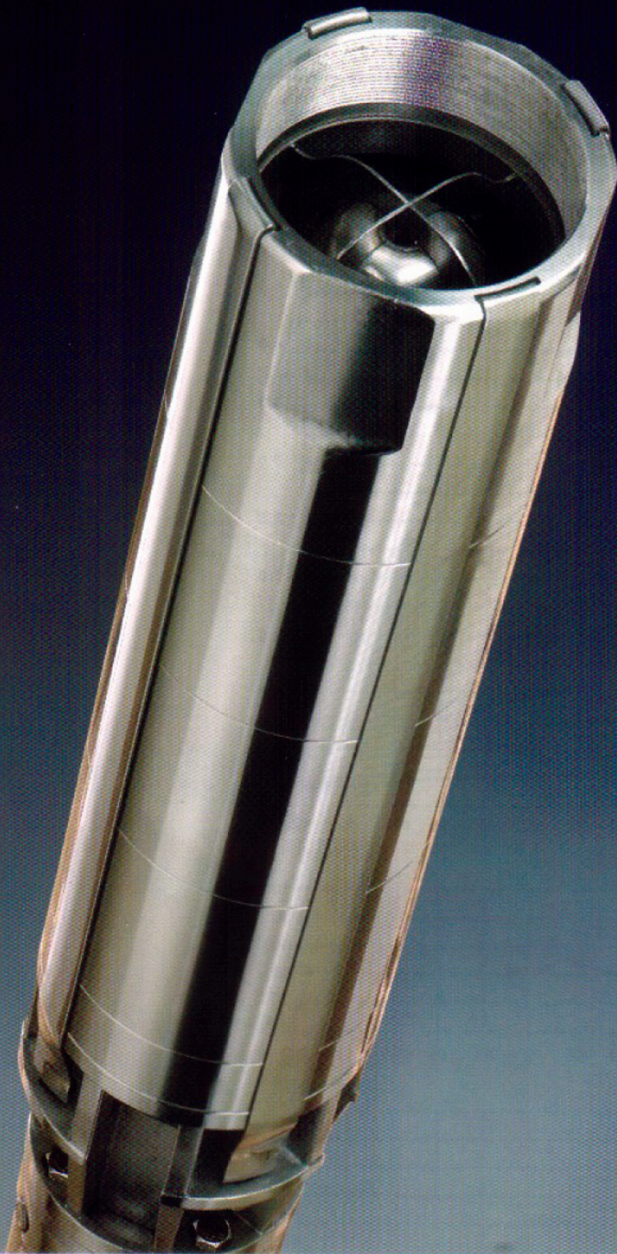


PBS Series 8''
Casting Stainless Steel
Submersible
Borehole Pump





PUMP IDENTIFICATION CODE For Example

8	PBS	100	-	15	
					No. Of stages
					Nominal flow rate in m ³ /h
					Pump type for 50Hz(60Hz)
					Well diameter: 8" (200mm)

Applications

This heavy-duty 8" casting stainless steel submersible borehole pump range is specially engineered to satisfy the high volume water needs in:

- Municipal water works.
- Water distribution and pressure boosting
- Irrigation and sprinkler systems
- Water treatment plants, filtration and reverse osmosis
- Industrial cooling and processing
- Mining industry, drainage and dewatering
- Fire-fighting equipment

FEATURES

- Stainless steel components for durability and robustness to increase run time and trouble-free operation. Many technical features of the design make this pump range very compact and extremely reliable.
- Three-dimensional twisted blades of the impeller and diffuser design to enhance efficiency and to reduce energy consumption.
- Four rods to improve stiffness and assure permanent alignment of all the components.
- Motor adapter and discharge head may be removed without disturbing the impeller/diffuser stack.
- Built-in check valve and over size pump shaft.
- Very compact and extremely reliable to resist to the most complex and severe conditions
- Easily serviceable without the need of special tools

SPECIFICATIONS

- Capacities up to 120m³/h at 50Hz/650GPM at 60Hz.
- Heads to 500 m at 50Hz/1650 feet at 60Hz.
- Maximum allowable amount of sand 50gr/m³ (of the same hardness and granulometry of silt)
- Water temperature range: from -5°C to 60°C
- Rotation: counter clockwise when looking into the discharge
- Motor adapter in compliance with NEMA standard
- Pump can work continuously in a vertical or horizontal position

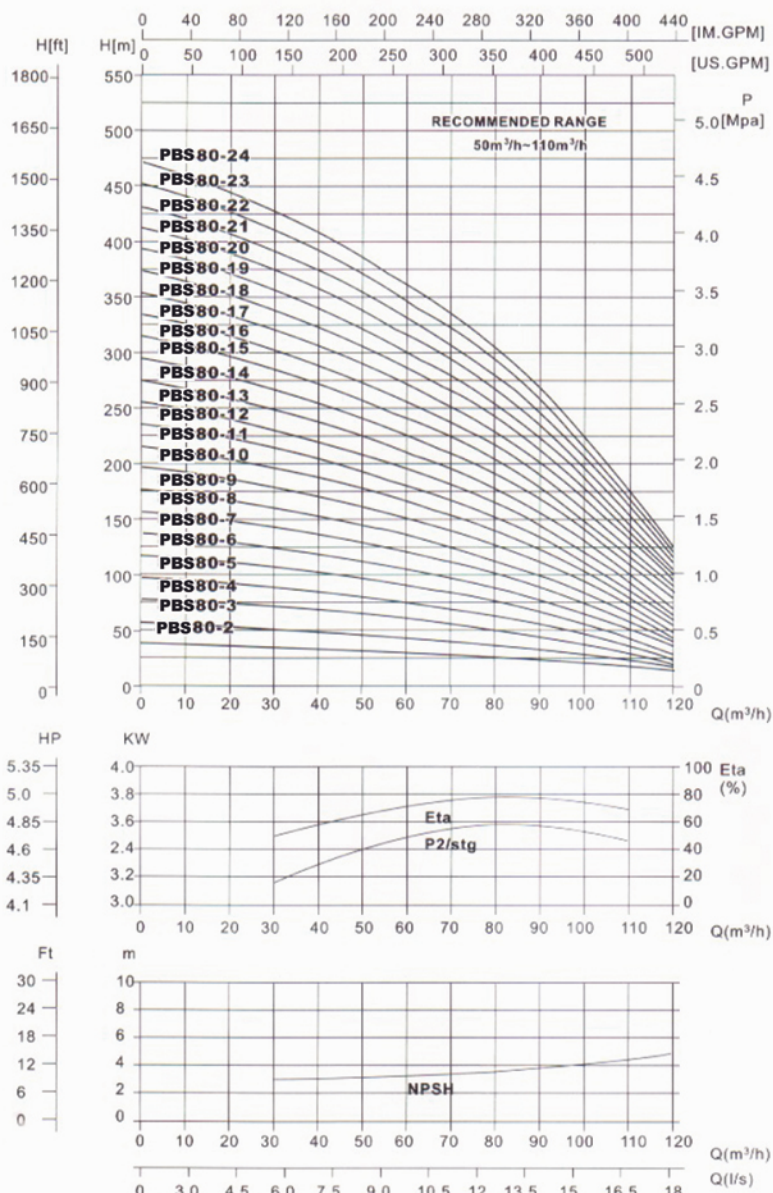
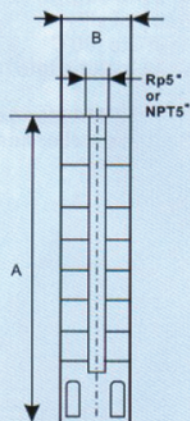
AVAILABLE OPTION

1. Double cable guard
2. Discharge outlet adapters

8" Submersible Pump

PBS 50Hz 2900rpm

Performance curve

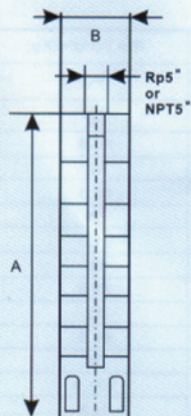
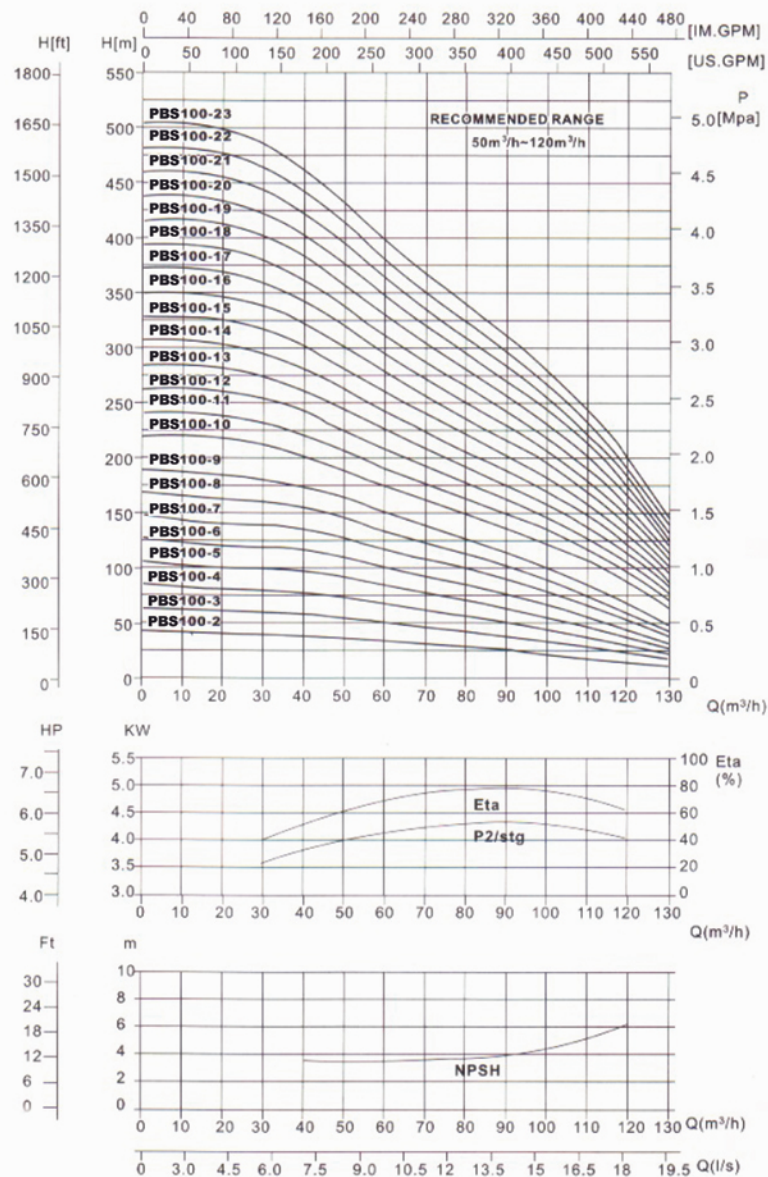


Pump Type	Motor			Dimension(mm)		Net Weight(Kg)
	Type	Power		Pump		
			KW	HP	A	B(max)
PBS80-2	6"Motor	7.5	10	625	180	29
PBS80-3	6"Motor	11	15	751	180	35.5
PBS80-4	6"Motor	15	20	877	180	42
PBS80-5	6"Motor	18.5	25	1003	180	48.5
PBS80-6	6"Motor	22	30	1129	180	55
PBS80-7	6"Motor	30	40	1255	180	61.5
PBS80-8	6"Motor	30	40	1381	180	68
PBS80-9	6"Motor	30	40	1507	180	74.5
PBS80-10	6"Motor	37	50	1633	180	82
PBS80-11	6"Motor	37	50	1759	180	88.5
PBS80-12	6"Motor	45	60	1890	180	95
PBS80-13	8"Motor	55	75	2016	180	101.5
PBS80-14	8"Motor	55	75	2142	180	108
PBS80-15	8"Motor	55	75	2268	180	114.5
PBS80-16	8"Motor	75	100	2394	180	121
PBS80-17	8"Motor	75	100	2520	180	127.5
PBS80-18	8"Motor	75	100	2646	180	134
PBS80-19	8"Motor	75	100	2772	180	140.5
PBS80-20	8"Motor	75	100	2898	180	147
PBS80-21	8"Motor	75	100	3024	180	153.5
PBS80-22	8"Motor	93	125	3150	180	160
PBS80-23	8"Motor	93	125	3276	180	166.5
PBS80-24	8"Motor	93	125	3402	180	173

8" Submersible Pump

PBS 50Hz 2900rpm

Performance curve



Pump Type	Motor		Dimension(mm)		Net Weight(Kg)	
	Type	Power	Pump		Pump	
PBS100-2	6"Motor	KW 9.3	HP 12.5	A 625	B(max) 180	29.2
PBS100-3	6"Motor	15	20	751	180	35.8
PBS100-4	6"Motor	18.5	25	877	180	42.4
PBS100-5	6"Motor	22	30	1003	180	49
PBS100-6	6"Motor	30	40	1129	180	55.6
PBS100-7	6"Motor	30	40	1255	180	62.2
PBS100-8	6"Motor	37	50	1381	180	68.8
PBS100-9	6"Motor	37	50	1507	180	75.4
PBS100-10	6"Motor	45	60	1638	180	83
PBS100-11	8"Motor	55	75	1764	180	89.6
PBS100-12	8"Motor	55	75	1890	180	96.2
PBS100-13	8"Motor	55	75	2016	180	102.8
PBS100-14	8"Motor	75	100	2142	180	109.4
PBS100-15	8"Motor	75	100	2268	180	116
PBS100-16	8"Motor	75	100	2394	180	122.6
PBS100-17	8"Motor	75	100	2520	180	129.2
PBS100-18	8"Motor	93	125	2646	180	135.8
PBS100-19	8"Motor	93	125	2772	180	142.4
PBS100-20	8"Motor	93	125	2898	180	149
PBS100-21	8"Motor	93	125	3024	180	155.6
PBS100-22	8"Motor	110	150	3150	180	162.2
PBS100-23	8"Motor	110	150	3276	180	168.8