

V3-V4



75 - 100 mm
SUBMERSIBLE PUMPSETS



75-100 mm SUBMERSIBLE PUMPSETS

"PRITHVI SUBMERSIBLE PUMPSETS" are known for ease in operation and noise free running, easy to install, highly efficient and require minimum maintenance. A wide range of pumps are available to meet diverse operating requirements. Water lubricated Motor, dynamically balanced rotor & robust thrust bearing gives long lasting performance. Best quality of materials are used to ensure longer and trouble free lifespan.

Products Details

Min. Bore Dia.	: 75 mm (3") and above
HP Range	: 0.50 HP to 7.50 HP
Voltage Range	: 220V - 240V, AC 1Ø, 50Hz & 380V - 440V, AC 3Ø, 50 Hz
RPM Speed	: 2900 RPM
Motor Type	: Wet type water filled water cooled induction motor
Operative Head Range	: Up to 350 Mtrs.
Discharge Output Range	: Up to 22000 LPH

Salient Features

- Energy efficient motor
- Wet type water filled design
- Easily rewindable stator
- Corrosion resistant stainless steel stator casing
- High efficient radial flow pumps design
- Wide voltage range suitable for
1Ø 220V - 240V, 50 Hz AC Power Supply &
3Ø 380V - 440V, 50 Hz AC Power Supply

MOC - Pump

Pump Shell	: Stainless Steel
Pump Shaft	: Stainless Steel
Impeller & Diffuser	: 20% Glass Filled Noryl Material, Radial Flow & Mixed Flow Design
Pump Stainer	: Stainless Steel
All CI Parts	: Graded Casting
All Fasteners	: Stainless Steel

Applications

- Water supply to establishments like
Malls, Complex, Hospitals, Hotels.
- Water supply to Residential and
Multi-storied apartments.
- Water supply to Garden Irrigation,
Drip and Sprinkler systems.
- Water supply to Domestic &
Commercial purpose.
- Water extraction from bores.
- Water supply in Tenament
- Pressure boosting applications.

MOC - Motor

Stator Shell	: Stainless Steel
Motor Shaft	: Stainless Steel
Motor Stainer	: Stainless Steel
Thrust Bearing	: Heavy Duty Thrust Bearing
Motor Bush	: Bronze LTB-4
All CI Parts	: Graded Casting
All Fasteners	: Stainless Steel

V5-V8



125 - 200 mm
SUBMERSIBLE PUMPSETS

125-200 MM SUBMERSIBLE PUMP SETS

"PRITHVI SUBMERSIBLE PUMPSETS" are known for ease in operation and noise free running, easy to install, highly efficient and require minimum maintenance. A wide range of pumps are available to meet diverse operating requirements. Water lubricated Motor, dynamically balanced rotor & robust thrust bearing gives long lasting performance. Best quality of materials are used to ensure longer and trouble free lifespan.

Products Details

Min. Bore Dia.	: 125mm (5") and above
HP Range	: 3.00 HP to 85.00 HP
Voltage Range	: 380V - 440V, AC 3Ø 50 Hz Voltage Supply
RPM Speed	: 2900 RPM
Motor Type	: Wet type water filled water cooled induction motor
Operative Head Range	: Up to 425 Mtrs.
Discharge Output Range	: Up to 126000 LPH

MOC - Pump

Pump Type	: Energy Efficient Radial & Mixed Flow Models
Pump Shaft	: Corrosion Resistant Stainless Steel
Impeller	: Stainless Steel Impeller
Diffuser	: Graded Casting
Pump Stainer	: Corrosion Resistant Stainless Steel
All CI Parts	: Graded Casting
All Fastners	: Corrosion Resistant Stainless Steel

MOC - Motor

Stator Shell	: Corrosion Resistant Stainless Steel
Motor Shaft	: Corrosion Resistant Stainless Steel
Motor Stainer	: Corrosion Resistant Stainless Steel
Thrust Bearing	: Heavy Duty Thrust Bearings
Motor Bush	: Bronze LTB-4
All CI Parts	: Graded Casting
All Fasteners	: Corrosion Resistant Stainless Steel

Salient Features

- Wide range of submersible pumps suitable for 5", 6", 7", 8", 9", 10" and above bore dia.
- Exceptional performance in low voltage conditions.
- Consistent operations for a longer period of time.
- Energy efficient motor design.
- Easily rewindable stator.
- Less maintenance.
- Lower power consumption.

Applications

- Water supply to various Agriculture, Domestic & Commercial purpose.
- **Pumping water from bores of dia. 5" (125mm) and above:**
- **Agriculture Purpose:**
 - Farm Irrigation
 - Lift Irrigation
 - Drip Irrigation
 - Sprinkler Irrigation
- **Domestic Purpose:**
 - Water supply in Apartments
 - Water supply in High Rise Buildings
 - Water supply in Residential Societies
 - Pressure boosting applications
 - Public water distribution by Municipality and Corporation
- **Commercial Purpose:**
 - Water supply in Malls
 - Water supply in Commercial complex
 - Water supply in Hospitals
 - Water supply in Cinema Halls
 - Water supply in Hotels
 - Water supply in Mills, Industries, Factories etc.
 - Water supply in Process house

Self-Priming



REGENERATIVE
SELF-PRIMING PUMPS

REGENERATIVE SELF-PRIMING PUMPS

"PRITHVI SINGLE PHASE REGENERATIVE SELF-PRIMING PUMPS" comes with a wide range of products to meet various domestic water needs. All pumps are designed as per the state of the art technology and testing under the strict quality controls. Pumps are easy to handle, reliable and sturdy makes it first choice of many customers.

Applications

- Water Lifting for Overhead Water Tank Filling
- Domestic / Home Pressure Boosting Applications
- Gardening
- Four Wheeler / Two Wheeler Washing
- Water supply to establishments like Malls
Complex, Hospitals, Hotels etc..

Features

- Suitable for 1Ø 200 V - 240 V, AC, 50 Hz Power Supply
- Stator Frame Aluminium Pressure Die Cast/Cast Iron
- TEFC Motor with Dynamically Balanced Rotor
- Copper Winding
- Cast Iron / SS Casings
- Bronze Impeller

Model No.	HP	kW	Phase	Size	Body	Casing	NRV Type	RPM	Suc. in Mtr.	Discharge in LPH	0	5	10	Head in Meters			30	35	40
											15	20	25						
Super Suction Self-Priming Pumps																			
Eva-50 Mini	0.50	0.37	1Ø	12x12	Alu.	CI	-	2880	6	1600	1300	1200	1000	750	550				
Eva-50 Deluxe	0.50	0.37	1Ø	12x12	Alu.	SS	-	2880	6	1660	1360	1250	1100	810	600				
Eva-50 Super	0.50	0.37	1Ø	25x25	Alu.	SS	-	2880	6	1700	1470	1380	1160	850	640				
Eva-50 Master	0.50	0.37	1Ø	25x25	Alu.	SS	-	2880	8	2340	2040	1680	1500	1140	910	600			
Eva-100 Super	1.00	0.75	1Ø	25x25	Alu.	SS	-	2880	7	3300	3130	2950	2630	2270	2050	1580	1100		
Eva-100 Master	1.00	0.75	1Ø	25x25	CI	SS	-	2880	7	4020	3840	3660	3420	3180	2940	2640	2400	2160	
Eva-50 Aqua	0.50	0.37	1Ø	25x25	CI	CI	-	2880	0										
Regenerative Self-Priming Pumps																			
PSP-50 Super	0.50	0.37	1Ø	25x25	Alu.	CI	Yes	2880	6	2028	1730	1443	994	697	540	540			
PSP-50 Master	0.50	0.37	1Ø	25x25	Alu.	CI	Yes	2880	6	2170	1795	1457	942	691	557	557			
PSP-100 Super	1.00	0.75	1Ø	25x25	Alu.	CI	Yes	2880	8	2258	2162	2089	1786	1513	1324	1324	720	660	
PSP-100 Master	1.00	0.75	1Ø	25x25	Alu.	CI	Yes	2880	8	2288	2182	2034	1841	1642	1468	1468	770	690	
Centrifugal Shallow Well Jet Pumps																			
PSJ-50	0.50	0.37	1Ø	25x25	Alu.	CI	-	2880	8	3360	3240	3065	2900	2700	2300	1800	1100		
PSJ-100	1.00	0.75	1Ø	25x25	Alu.	CI	-	2880	8	3360	3260	3200	3065	2950	2705	2345	1920	1385	

*The performance mentioned above are rated at single phase 240 voltage 50 Hz frequency.



*Images shown here are for illustration purpose only. Original products may differ.

*Features & Technical Specifications are subject to change without prior notice.

Openwell



OPENWELL
SUBMERSIBLE PUMPSETS

OPENWELL SUBMERSIBLE PUMPSETS

"Prithvi" Openwell Submersible Pumpsets offer the wide operating range in Single Phase & Three Phase voltage. Well designed pumps are rugged and efficient to deliver the best optimum performance to the end users. All Pumps are made and test under the supervision of strict quality environment to ensure durable and long lasting performance. Our range of products are suits your pumping needs for Home, Farm, Industries, Domestic and Agricultures requirements.

Applications

- Water Lifting form Deep or Shallow Openwell
- Water pumping from Sump, Mines, Water Tank and fountains
- River and Canal lift irrigation pumping
- Domestic / Home Pressure Boosting Applications
- Irrigation system for Agriculture
- Multi Stage Openwell Pumps for Drip Irrigation and Sprinkler system
- Water supply in Residence areas and Multi storied apartments
- Water supply to establishments like Malls, Complex, Hospitals, Hotels etc..
- Industrial water supply and transfer

Features

- Easy to install, Noise free operations
- Energy efficient motor offers lower cost of operating
- Suitable for 1Ø 200 V - 240 V, AC, 50 Hz Power Supply Supply & 3Ø 380 V - 440 V, AC, 50 Hz Power Supply
- Available in SS Body and CI Body
- Water lubricated motor with easily rewindable stator
- Available in V6, V7 & V9 Motor body design

Products Details

Voltage Range	: 1Ø and 3Ø
HP Range	: 0.50 HP to 10 HP
Head Range	: Up to 90 Mtrs.
Discharge Output Range	: Up to 18000 LPH
Pump Stages	: Single Stage & Multi Stage
R.P.M. Speed	: 2900 RPM
Motor Type	: Wet type water filled water cooled Induction motor

MOC

Stator Shell	: Corrosion Resistant Stainless Steel / Cast Iron
Motor Shaft	: Corrosion Resistant Stainless Steel
Thrust Bearing	: Heavy Duty Thrust Bearings
Motor Bush	: Carbon / Bronze
Stainer	: Corrosion Resistant Stainless Steel
Casing / Volute	: Graded Casting
Suction Bracket	: Graded Casting
Impeller	: Noryl / Stainless Steel / SS Fabricated / Cast Iron
All CI Parts	: Graded Casting
All Fastners	: Corrosion Resistant Stainless Steel