

SmART SUB

Grundfos SmART SUB Series, Single Phase and Three Phase Horizontal open well Submersible Pumps are designed for under water application, and therefore, there is no need for priming or a foot valve.

These pumps are suitable for open wells or tanks where there are wide fluctuations in water level.

APPLICATIONS

- Sump to over head tank filling
- Farms
- Fountains
- Industrial and rural water supply
- Gardening
- Landscaping

FEATURES

- Carbon Radial bush bearing
- SS Thrust bearing and Carbon pads at both Drive End and Non-drive End to take care of axial thrust load
- PVC insulated 3 core 1.5mm motor cable
- The anti-corrosive coating on the Cast Iron parts - free from rust and corrosion
- Winding overhang protector
- Neck ring in the volute casing - High Efficiency
- Locally rewindable and repairable
- Supplied with Starter Box for 1 phase Pumps
- Designed for continuous duty S1 (3 phase only)
- Supplied with L bend stainer & Cable joining kit



PUMPED LIQUID

- Clean, thin, non-aggressive, non-explosive, clear cold, fresh water without abrasives, solid particles or fibers

CONSTRUCTION

- Impeller - Noryl & Cast Iron (CED Coated)
- Shaft - SS, Pump body - SS & Thrust ring-SS
- Radial bearing - Carbon
- Mechanical seal - Ceramic vs. Graphite
- Thrust bearing - SS / Carbon
- Inlet & outlet parts - Cast Iron

PRODUCT RANGE

Part Code	Model	Phase	Power		Voltage	Pipe Size (mm)		Hydraulic Data											
			Kw	Hp		Suction	Delivery	Flow (LPH)	7200	6600	5100	3900	2400	600					
96939851	SmART SUB HOS 1 - 0.37	1	0.37	0.5	220 V	25	25	Flow (LPH)	7200	6600	5100	3900	2400	600					
								Head (Mtr)	12	14	16	18	20	21					
96939852	SmART SUB HOS 1 - 0.75	1	0.75	1	220 V	25	25	Flow (LPH)	7800	7500	6900	6000	4800	3600	2400	1200			
								Head (Mtr)	12	15	18	21	24	27	30	32			
96939853	SmART SUB HOS 2 - 0.75	1	0.75	1	220 V	50	50	Flow (LPH)	21000	18000	15000	10800	3000						
								Head (Mtr)	6	9	12	15	18						
96939854	SmART SUB HOSD 1- 1.1	1	1.1	1.5	220 V	32	25	Flow (LPH)	8400	7670	7000	6230	5280	4360	3370	1730			
96939855	SmART SUB HOTD 1 - 1.1	3			415 V			Head (Mtr)	12	16	19	22	26	29	32	36			
96939856	SmART SUB HOSD 1.5 - 1.5	1	1.5	2	220 V	40	40	Flow (LPH)	11260	11040	10020	8750	7330	6450	5300	3780	2550		
96939857	SmART SUB HOTD 1.5 - 1.5	3			415 V			Head (Mtr)	19	21	27	33	39	43	45	48	50		
96939858	SmART SUB HOT 1.5 - 2.2	3	2.2	3	415 V	40	40	Flow (LPH)	19860	19620	19440	17580	15600	11940	8520				
								Head (Mtr)	5	10	16	21	26	31	36				
96939859	SmART SUB HOT 2 - 3.7	3	3.7	5	415 V	50	50	Flow (LPH)	33060	32160	29340	25740	22440	18420	13500	10680	7560		
								Head (Mtr)	8	10	15	20	24	28	32	34	36		
96939860	SmART SUB HOT 2 - 5.5	3	5.5	7.5	415 V	65	50	Flow (LPH)	39780	38640	36720	33660	30840	27120	23640	19440	13320	10020	6120
								Head (Mtr)	11	15	20	25	30	35	40	45	50	52	54
96939861	SmART SUB HOT 2.5 - 5.5	3	5.5	7.5	415 V	80	65	Flow (LPH)	61020	56220	50520	46380	40860	33720	25860	18420			
								Head (Mtr)	22	24	26	29	31	33	35	37			
96939862	SmART SUB HOT 2.0 - 7.5	3	7.5	10	415 V	65	50	Flow (LPH)	42120	40280	38430	35340	32160	28740	24660	22220	13740		
								Head (Mtr)	10	15	20	25	30	35	40	45	55		
96939863	SmART SUB HOT 2.5 - 7.5	3	7.5	10	415 V	80	65	Flow (LPH)	70260	66990	61860	55620	47400	38700	22140				
								Head (Mtr)	27	29	31	33	35	37	39				

For 1 Phase Voltage is 220 V
 For 3 Phase Voltage is 415 V