

# BORE WELL SUBMERSIBLE PUMPS (100 mm / 4")



## Salient Features :

### Motor

- Motor construction in integral locking method for easy servicing
- Copper rotor for better conductivity
- International NEMA standard spline coupling to enable inter-changeability
- Carbon thrust bearing for less friction and better efficiency even at low voltage field conditions
- Reinforced motor design to withstand wide voltage fluctuations

### Pump

- To ensure pump stability and perfect alignment, an additional protection is provided in the pump portion.
- Sand guard provision in both lower and upper portion of the pump
- SS insert in all noryl diffusers for wear & tear resistance even in sandy bore wells.
- NRV to avoid water hammering effect to the pump

## Applications :

- Domestic and Minor Irrigation
- Residential Complexes and high rise Buildings
- Drip and Sprinkler Irrigation
- Fountains and Special applications

## PERFORMANCE TABLE

### V4 - Regular Series

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:2000 LPH Series / 32mm Pipe Size							
					15	21	27	33	39	45	51	57
01	ST2 07/10	0.55 / 0.75	10	Head in Meter	55	53	50	47	45	41	34	27
02	ST2 10/14	0.75 / 1.00	14		77	74	70	65	63	57	47	38
03	ST2 15/18	1.10 / 1.50	18		99	96	90	85	81	74	61	49
04	ST2 20/25	1.50 / 2.00	25		138	133	125	83	113	103	85	68

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:4000 LPH Series / 32mm Pipe Size							
					25	35	45	55	65	75	85	95
01	ST4 07/07	0.55 / 0.75	7	Head in Meter	36	34	33	29	23.5	20	14	9
02	ST4 10/10	0.75 / 1.00	10		51	49	47	41	34	29	20	13
03	ST4 10/12	0.75 / 1.00	12		62	58	57	50	40	34	24	15
04	ST4 15/15	1.10 / 1.50	15		77	73	71	62	50	43	30	19
05	ST4 20/18	1.50 / 2.00	18		93	87	85	75	60	51	36	23

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:5000 LPH Series / 40mm Pipe Size							
					50	70	90	110	130	150		
01	ST5 07/06	0.55 / 0.75	6	Head in Meter	33	30	25	20	14	8.5		
02	ST5 10/08	0.75 / 1.00	8		44	40	33	27	19	11		
04	ST5 15/12	1.10 / 1.50	12		66	60	50	40	28	17		
05	ST5 20/16	1.50 / 2.00	16		88	80	67	53	37	23		

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:7000 LPH Series / 40mm Pipe Size							
					60	80	100	120	140	160		
01	ST7 10/05	0.75 / 1.00	5	Head in Meter	26	24	22	20	15	12		
02	ST7 15/07	1.10 / 1.50	7		36	34	31	28	21	17		
03	ST7 20/10	1.50 / 2.00	10		52	48	44	40	30	24		

### V4 - High Head Series

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:1000 LPH Series / 32mm Pipe Size							
					10	20	25	30	35	40	45	50
01	STR1 07/10	0.55 / 0.75	10	Head in Meter	68	61	56	51	43	36	29	23
02	STR1 10/14	0.75 / 1.00	14		95	85	78	71	60	50	41	32
03	STR1 15/21	1.10 / 1.50	21		143	128	118	107	90	76	61	48
04	STR1 20/25	1.50 / 2.00	25		170	153	140	128	108	90	73	58

Sl.No	Model No.	Motor Power kW / HP	No. of Stages	Dis in Lpm	Type:3000 LPH Series / 32mm Pipe Size							
					25	35	45	55	65	75	85	
01	STR3 07/06	0.55 / 0.75	6	Head in Meter	41	38	34	30	24	19	12.5	
02	STR3 10/08	0.75 / 1.00	8		55	51	45	40	32	25	17	
03	STR3 15/12	1.10 / 1.50	12		82	76	68	60	48	38	25	
04	STR3 20/16	1.50 / 2.00	16		109	101	91	80	64	51	33	