

Hydraulic Performance :-

MODEL		P2 NOMINAL		Q m ³ /h l/min	0	0.6	1.2	1.5	1.8	2.4	3	4.2	4.8	6	9	11.4	18	24	27
SINGLE PHASE	THREE-PHASE	KW	HP		0	10	20	25	30	40	50	70	80	100	150	190	300	400	450
S4A-12 M	S4A-12 T	0.37	0.5	76.5	66.6	40.2	20.5												
S4A-18 M	S4A-18 T	0.55	0.75	114.8	99.8	60.3	30.8												
S4A-25 M	S4A-25 T	0.75	1	159.4	138.7	83.7	42.7												
S4A-36 M	S4A-36 T	1.1	1.5	229.5	200	120.6	61.6												
S4A-50 M	S4A-50 T	1.5	2	318.8	277.4	167.5	85.5												
S4B-5 M	-	0.25	0.33	31	30	26	22.6	19	10										
S4B-8 M	S4B-8 T	0.37	0.5	49.6	47.8	41.5	36.2	30.6	16										
S4B-12 M	S4B-12 T	0.55	0.75	74.4	71.8	62.3	54.4	45.8	24										
S4B-16 M	S4B-16 T	0.75	1	99.2	95.7	83	72.5	61	32										
S4B-24 M	S4B-24 T	1.1	1.5	148.8	143.5	124.6	108.7	91.7	48										
S4B-32 M	S4B-32 T	1.5	2	198.4	191.4	166	144.9	122.2	64										
S4B-40 M	S4B-40 T	2.2	3	248	239.2	207.6	181.2	152.8	80										
S4B-48 M	S4B-48 T	2.2	3	297.6	287.1	249.2	217.4	183.4	96										
S4C-6 M	S4C-6 T	0.37	0.5	33		31.8	30.7	29.4	26.4	22.7	13.2								
S4C-9 M	S4C-9 T	0.55	0.75	49.5		47.7	46	44	39.6	34	19.8								
S4C-13 M	S4C-13 T	0.75	1	71.5		68.9	66.4	63.7	57.2	49.2	28.6								
S4C-19 M	S4C-19 T	1.1	1.5	104.5		100.7	97	93	83.6	71.8	41.8								
S4C-25 M	S4C-25 T	1.5	2	137.5		132.5	128	122.5	110	94.5	55								
S4C-32 M	S4C-32 T	2.2	3	176		169.6	163	156.8	140.8	120.9	70.4								
S4C-39 M	S4C-39 T	2.2	3	214.5		206.7	200	191.1	171.6	147.4	85.8								
-	S4C-45 T	3	4	247.5		238.5	229	220.5	198	170.1	99								
-	S4C-51 T	3	4	280.5		270.3	261	250	224.4	192.8	112.2								
S4D-4 M	S4D-4 T	0.37	0.5	24				23	22	21.8	18	16.2	11.2						
S4D-6 M	S4D-6 T	0.55	0.75	36				34.5	33	31.5	27	24.3	16.8						
S4D-8 M	S4D-8 T	0.75	1	48				46	44	42	36	32.5	22.4						
S4D-13 M	S4D-13 T	1.1	1.5	78				74.7	71.5	68.3	59	52.6	36.4						
S4D-17 M	S4D-17 T	1.5	2	102				98	93.5	89.5	77.5	68.8	47.6						
S4D-21 M	S4D-21 T	2.2	3	126				121	115.5	110	96	85	58.8						
S4D-25 M	S4D-25 T	2.2	3	150				144	137.5	132	114.5	101.2	70						
-	S4D-29 T	3	4	174				166	159.5	152	132	117.4	81.2						
-	S4D-34 T	3	4	204				196	187	179.5	155	137.7	95.2						
-	S4D-38 T	4	5.5	228				219	209	200	173	153.9	106.4						
-	S4D-45 T	4	5.5	270				259	247.5	237	205	182.2	127						
S4E-6 M	S4E-6 T	0.75	1	40.5							31.5	30	27	17.6	7.7				
S4E-8 M	S4E-8 T	1.1	1.5	54							42	40	37	23.4	10.3				
S4E-12 M	S4E-12 T	1.5	2	81							63	60	55	35.2	15.5				
S4E-17 M	S4E-17 T	2.2	3	114.8							89.5	86	78	49.8	21.9				
-	S4E-20 T	3	4	135							105	101.5	91	58.6	25.7				
-	S4E-23 T	3	4	155.4							120.5	117	104.5	67.4	29.6				
-	S4E-27 T	4	5.5	182.4							141.5	137	122.5	79.2	34.8				
-	S4E-31 T	4	5.5	209.4							162	156	140	90.9	39.9				
-	S4E-36 T	5.5	7.5	243.2							188	180	162	105.5	46.5				
-	S4E-42 T	5.5	7.5	283.7							220	211	189	123.2	54				
S4F-7 M	S4F-7 T	2.2	3	40.5										36	33	24	15	11	
-	S4F-10 T	3	4	58										50.8	47	34	22	16	
-	S4F-13 T	4	5.5	76										66	62	44.7	28	20	
-	S4F-18 T	5.5	7.5	104.5										91	84	61.2	39	28	



Sold & Serviced by:
Grundfos Pumps India Pvt. Ltd. 118 Old Mahabalipuram Road, Thoraipakkam, Chennai-600 097, India
 Phone : +91 44 2496 6800 Fax : +9144 2496 6969 E-mail : salesindia@grundfos.com
 Call us at our Toll Free No. 1800 345 4555 / SMS PUMP to 55050

DAB Submersible pumps are made with the very best material and offer a superior hydraulic design, built to deliver optimum efficiency during its operation. DAB pumps operate at low cost and offer high efficiency.

DAB pumps offer a wide range of submersible pump sets suitable for 100mm borewell Pump sets are specially designed with a use of latest manufacturing techniques to meet water requirements in domestic, industry and agriculture use. the pump are powered by a water filled, rewindable submersible motor suitable for continuous duty.

FEATURES:

PUMP:

- Light weight and easy to install
- Suction and discharge body in SS
- Corrosion and abrasion resistant pump - Impellers and diffusers at high quality engineering plastic
- Modular construction - Easy in dismantling and assembly
- NRV fitted in the discharge body to prevent back flow
- High efficiency
- Reliable operation
- Built-in strainer at suction body
- Nominal Outlet size - S4 A | S4 B | S4 C | S4 D - 32 mm (1 1/4")
S4 E | S4 F - 50 mm (2")

MOTOR:

- Motor suitable for wide voltage 160/240V for 1 Phase and 350/440V for 3 Phase.
- Superior thrust bearing bearing design. Designed to take more thrust load during start/shut down
- Spline end Rotor – Hardened spline for positive coupling and long service
- Rewindable stator – For easy, economical and local repair
- Dynamically balanced rotor vibration free, longer life and better efficiency.
- Water filled motor – Water resistant PVC insulated high quality copper winding for longer life
- Special rust preventive coating on motor Parts – Rust prevention and Longer life
- Power Range: 0.37 Kw - 4 Kw
- Speed: 2880 RPM
- Method of starting - DOL



Application :

- Suitable for borewell 100 mm and above Sump/Open well
- Domestic, Community water Supply and Industries
- Water Supply to High rise buildings, housing complexes and bungalows
- Irrigation of Farms Sprinklers, gardening and Nursery.

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