

Reliable
Partner for
Groundwater
Pumping



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

FEATURES :

PUMP

- Max. Amount of suspended sand capacity 120 gr/m³
- Light Weight – Easy to Install
- Suction and Discharge body in SS
- Corrosion and Abrasion Resistance – NORL High quality Engineering plastic
- Modular Construction easy to Dismantle and Assemble
- NRV fitted in Discharge body
- High Efficiency – F Class insulation
- Flow Range : 300 LPH to 27000 LPH
- Head Range : Upto 320 mts
- Delivery Size : 1 ¼" & 2"
- Liquid temp. range: from 0°C to +40°C

MOTOR

- Rewindable stator at local workshop like other motors & Double insulated copper wire
- Glycol added with Water inside the motor is food Grade and non-toxic
- Motor Suitable for wide Voltage 160/240 V for 1 Ph and 350/440V for 3 Ph
- Mechanical seal and Sand guard protect the motor
- Anti friction Ball bearings for low voltage starting and running – Good for high depth installations
- Suitable for horizontal installation
- Complete SS motor – Free from rust and corrosion
- Available in both 1ph and 3ph
- 1ph upto 3 Hp and 3ph upto 10 Hp In 4" motors
- Fast and Quick service possible
- Running capacitor panel sufficient
- Low power consumption – High Efficiency
- Motor Suitable for continuous duty

APPLICATIONS :

Suitable for Borewell 100 mm and above sump / Openwell

Domestic, Community water supply & Industries

Water Supply to High rise buildings, housing complexes and bungalows

Irrigation of farms sprinklers, Gardening and Nursery



anti-friction ball bearing for low voltage start up

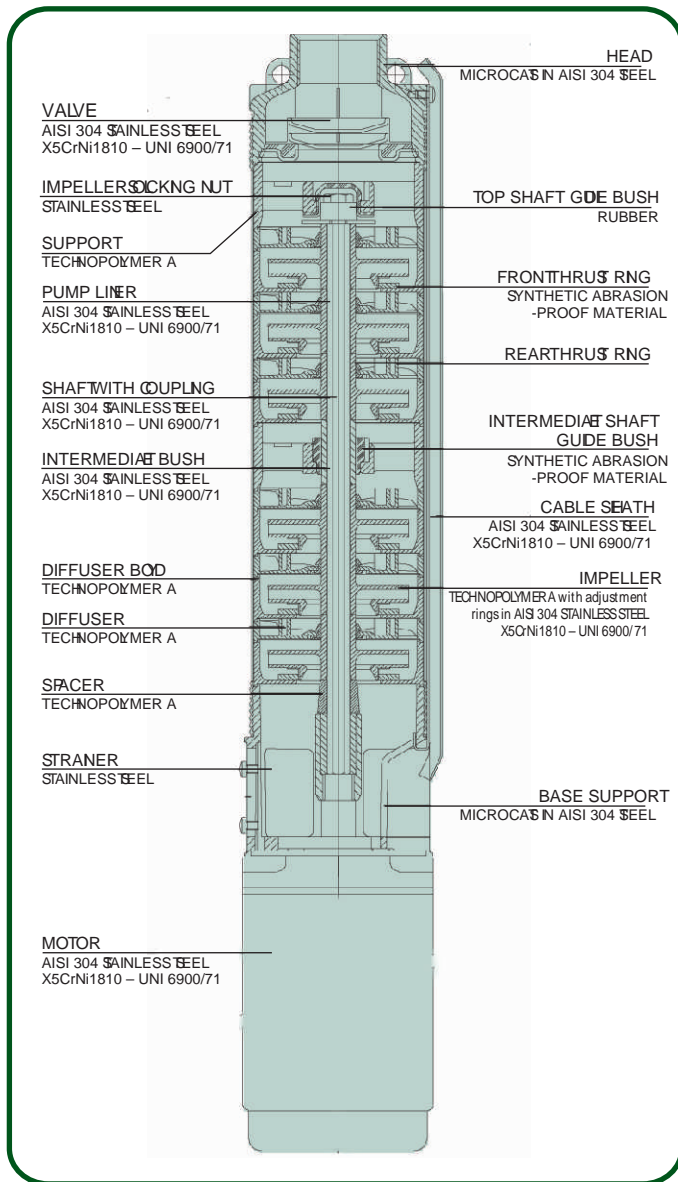


SS Delivery

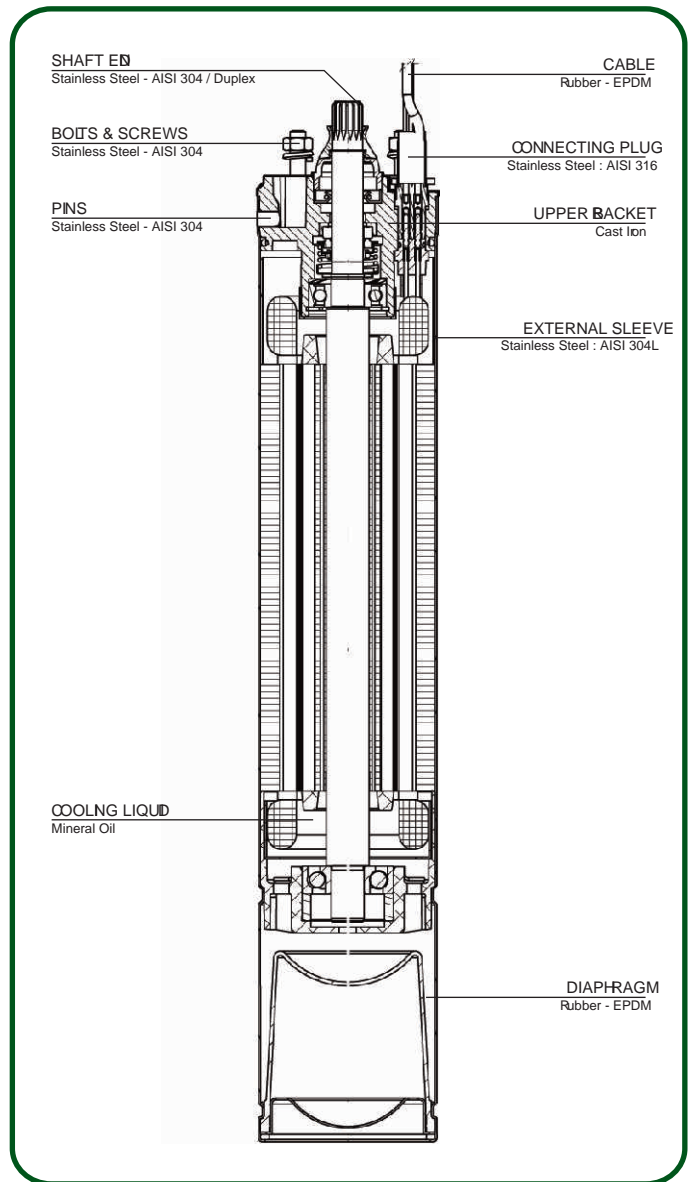


SS Suction

MATERIAL OF CONSTRUCTION PUMP



MATERIAL OF CONSTRUCTION MOTOR



ELECTRICAL DATA

kW	HP	Voltage 50 Hz	In Amps (A)	Capacitor (μ F)	Voltage 50 Hz	In Amps (A)
		1 Phase			3 Phase	
0.37	0.5	1x230 V	3.5	16	3 X 400V	1.6
0.55	0.75	1x230 V	4.5	20	3 X 400V	2.2
0.75	1.0	1x230 V	6.3	25	3 X 400V	2.6
1.1	1.5	1x230 V	8.5	35	3 X 400V	3.6
1.5	2.	1x230 V	10.8	40	3 X 400V	4.6
2.2	3.0	1x230 V	14	60	3 X 400V	6
3	4.0	-	-	-	3 X 400V	7.9
4	5.5	-	-	-	3 X 400V	10.2
5.5	7.5	-	-	-	3 X 400V	16.9

Hydraulic Performance :

MODEL		Delivery Size (inches)	P2 NOMINAL		Q m ³ /h 1/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-12M	S4A-12T	1 1/4"	0.37	0.5	76.5	66.6	40.2	20.5												
S4A-18M	S4A-18T	1 1/4"	0.55	0.75	114.8	99.8	60.3	30.8												
S4A-25M	S4A-25T	1 1/4"	0.75	1	159.4	138.7	83.7	42.7												
S4A-36M	S4A-36T	1 1/4"	1.1	1.5	229.5	200	120.6	61.6												
S4A-50M	S4A-50T	1 1/4"	1.5	2	318.8	277.4	167.5	85.5												
S4B-5M	-	1 1/4"	0.25	0.33	31	30	26	22.6	19	10										
S4B-8M	S4B-8T	1 1/4"	0.37	0.5	49.6	47.8	41.5	36.2	30.6	16										
S4B-12M	S4B-12T	1 1/4"	0.55	0.75	74.4	71.8	62.3	54.4	45.8	24										
S4B-16M	S4B-16T	1 1/4"	0.75	1	99.2	95.7	83	72.5	61	32										
S4B-24M	S4B-24T	1 1/4"	1.1	1.5	148.8	143.5	124.6	108.7	91.7	48										
S4B-32M	S4B-32T	1 1/4"	1.5	2	198.4	191.4	166	144.9	122.2	64										
S4B-40M	S4B-40T	1 1/4"	2.2	3	248	239.2	207.6	181.2	152.8	80										
S4B-48M	S4B-48T	1 1/4"	2.2	3	297.6	287.1	249.2	217.4	183.4	96										
S4C-6M	S4C-6T	1 1/4"	0.37	0.5	33		31.8	30.7	29.4	26.4	22.7	13.2								
S4C-9M	S4C-9T	1 1/4"	0.55	0.75	49.5		47.7	46	44	39.6	34	19.8								
S4C-13M	S4C-13T	1 1/4"	0.75	1	71.5		68.9	66.4	63.7	57.2	49.2	28.6								
S4C-19M	S4C-19T	1 1/4"	1.1	1.5	104.5		100.7	97	93	83.6	71.8	41.8								
S4C-25M	S4C-25T	1 1/4"	1.5	2	137.5		132.5	128	122.5	110	94.5	55								
S4C-32M	S4C-32T	1 1/4"	2.2	3	176		169.6	163	156.8	140.8	120.9	70.4								
S4C-39M	S4C-39T	1 1/4"	2.2	3	214.5		206.7	200	191.1	171.6	147.4	85.8								
-	S4C-45T	1 1/4"	3	4	247.5		233.5	229	220.5	198	170.1	99								
-	S4C-51T	1 1/4"	3	4	280.5		270.3	261	250	224.4	192.8	112.2								
S4D-4M	S4D-4T	1 1/4"	0.37	0.5	24				23	22	21.8	18	16.2	11.2						
S4D-6M	S4D-6T	1 1/4"	0.35	0.75	36				34.5	33	31.5	27	24.3	16.8						
S4D-8M	S4D-8T	1 1/4"	0.75	1	48				46	44	42	36	32.5	22.4						
S4D-13M	S4D-13T	1 1/4"	1.1	1.5	78				74.7	71.5	68.3	59	52.6	36.4						
S4D-17M	S4D-17T	1 1/4"	1.5	2	102				98	93.5	89.5	77.5	68.8	47.6						
S4D-21M	S4D-21T	1 1/4"	2.2	3	126				121	115.5	110	96	85	58.8						
S4D-25M	S4D-25T	1 1/4"	2.2	3	150				144	137.5	132	114.5	101.2	70						
-	S4D-29T	1 1/4"	3	4	174				166	159.5	152	132	117.4	81.2						
-	S4D-34T	1 1/4"	3	4	204				196	187	179.5	155	137.7	95.2						
-	S4D-38T	1 1/4"	4	5.5	228				219	209	200	173	153.9	106.4						
-	S4D-45T	1 1/4"	4	5.5	270				259	247.5	237	205	182.2	127						
S4E-6M	S4E-6T	2"	0.75	1	40.5							31.5	30	27	17.6	7.7				
S4E-8M	S4E-8T	2"	1.1	1.5	54								42	40	37	23.4	10.3			
S4E-12M	S4E-12T	2"	1.5	2	81								63	60	55	35.2	15.5			
S4E-17M	S4E-17T	2"	2.2	3	114.8								89.5	86	78	49.8	21.9			
-	S4E-20T	2"	3	4	135								105	101.5	91	58.6	25.7			
-	S4E-23T	2"	3	4	155.4								120.5	117	104.5	67.4	29.6			
-	S4E-27T	2"	4	5.5	182.4								141.5	137	122.5	79.2	34.8			
-	S4E-31T	2"	4	5.5	209.4								162	156	140	90.9	39.9			
-	S4E-36T	2"	5.5	7.5	243.2								188	180	162	105.5				
-	S4E-42T	2"	5.5	7.5	283.7								220	211	189	123.2				
SAF-7M	S4F-7T	2"	2.2	3	40.5										36	33	24	15	11	
-	S4F-10T	2"	3	4	58										50.8	47	34	22	16	
-	S4F-13T	2"	4	5.5	76										66	62	44.7	28	20	
-	S4F-18T	2"	5.5	7.5	104.5										91	84	61.2	39	28	

head in meter (m)

* Performance values of S4 series subject to supply voltage of 230 V in 1 ph and 400 V in 3ph, 50 Hz AC Power Supply

