

TBH 4



Operating Limits

Motors	0.37 k.W (0.50hp) to 5.5 k.W (7.50hp)
Speed	2880 RPM
Version	Single Ø, 200 - 240V Three Ø, 380 - 415V 415v, 50Hz, A.C. Supply
Pumping head	upto 350 mtr.
Discharge capacity	6.67 lps (390 lpm) (23.4 m ³ /hr)
Maximum outer diameter motor	89mm & 97mm
Maximum outer diameter Pump	90mm
Nominal outlet pipe size	1" to 2" (25mm to 50mm)
Degree of protection	International Protection (IP) 58.
Direction of Rotation	Counter clock viewing from top
Thrust Load	1500 lbs (680.4 kg)
Cooling flow	0.15 m/sec
Type of duty	S1 (Continuous)
Method of starting	DOL Capacitor Start and Capacitor Run

Design Features

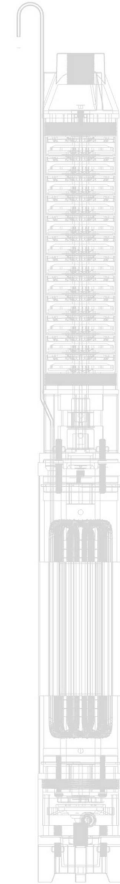
- High Operating efficiency.
- Good resistance to sand.
- Designed for wide voltage fluctuations.
- Manufactured from quality corrosion resistant materials for long life.
- Specific impeller material selection ensures optimal performance in sandy bores.
- Heavy duty stainless steel outer casing shell providing protection and accurate alignment of internal components.
- High quality shaft bearings providing low friction and high wear resistance.
- Pump & motor are easily serviceable.
- Heavy duty cast stainless steel discharge bowl with large durable lifting eye and built-in check valve for long life and ease of installation.

Applications

- Domestic water supply
- Turf watering
- Irrigation
- Stock watering
- Dewatering
- Water treatment

Pumped Liquids

- Clean & clear
- Without solid particles





TBH4 V-4 Submersible Pumps

Sr. No.	Model	H.P.	Stage	Delivery (mm)	Head Range (m)	Ampere (A)	As per BEE Star rating
1	E 41R075010	0.75	10	25	22.5 - 33	5.76	5
2	E 41R010015	1.00	15	25	33.75 - 49.5	6.70	5
3	E 41R015018	1.50	18	25	40.5 - 59.4	8.20	5
4	E 41R020025	2.00	25	25	56.25 - 82.5	11.40	5
5	E 41R007507	0.75	7	32	21 - 30.8	5.76	5
6	E 41R010010	1.00	10	32	30 - 44	6.70	5
7	E 41R015015	1.50	15	32	45 - 66	8.20	5
8	E 41R020020	2.00	20	32	60 - 88	11.40	5
9	E 41R007505	0.75	5	32	15 - 22	5.76	5
10	E 41R010008	1.00	8	32	21 - 30.8	6.70	5
11	E 41R015012	1.50	12	32	30 - 44	8.20	5
12	E 41R020016	2.00	16	32	45 - 66	11.40	5
13	E 41R010006	1.00	6	32	24 - 35.2	8.20	5
14	E 41R015010	1.50	10	32	36 - 52.8	11.40	5
15	E 41R020012	2.00	12	32	48 - 70.4	16.00	5
16	S 41R005010	0.50	10	25	22.5 - 33.0	5.76	5
17	S 41R007515	0.75	15	25	33.8 - 49.5	6.70	5
18	S 41R010018	1.00	18	25	40.5 - 59.4	8.20	5
19	S 41R015025	1.50	25	25	56.3 - 82.5	11.40	5
20	S 41R020032	2.00	32	25	72.0 - 105.6	15.05	5
21	S 41R005007	0.50	7	32	21.0 - 30.8	5.76	5
22	S 41R007510	0.75	10	32	30.0 - 44.0	6.70	5
23	S 41R010014	1.00	14	32	42.0 - 61.6	8.20	5
24	S 41R015020	1.50	20	32	60.0 - 88.0	11.40	5
25	S 41R020025	2.00	25	32	75.0 - 110.0	15.05	5
26	S 41R005005	0.50	5	32	15.0 - 22.0	5.76	5
27	S 41R007507	0.75	7	32	21.0 - 30.8	6.70	5
28	S 41R010010	1.00	10	32	30.0 - 44.0	8.20	5
29	S 41R015015	1.50	15	32	45.0 - 66.0	11.40	5
30	S 41R020020	2.00	20	32	60.0 - 88.0	15.05	5
31	S 41R030030	3.00	30	32	90.0 - 132.0	21.60	5
32	S 41R010007	1.00	8	32	24.0 - 35.2	8.20	5
33	S 41R015012	1.50	12	32	36.0 - 52.8	11.40	5
34	S 41R020016	2.00	16	32	48.0 - 70.4	15.00	5
35	S 41R030024	3.00	24	32	72.0 - 105.6	21.50	5
36	S 41R010005	1.00	5	40	15.0 - 22.0	8.20	5
37	S 41R015007	1.50	7	40	21.0 - 30.8	11.40	5
38	S 41R020010	2.00	10	40	30.0 - 44.0	16.00	5
39	S 41R030015	3.00	15	40	45.0 - 66.0	21.60	5
40	S 41R015006	1.50	6	50	15.8 - 23.1	11.40	5
41	S 41R020008	2.00	8	50	21.0 - 30.8	16.00	5
42	S 41R030012	3.00	12	50	31.5 - 46.2	21.60	5

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TBH4 V-4 Submersible Pumps

Sr. No.	Model	H.P.	Stage	Delivery (mm)	Head Range (m)	Ampere (A)	As per BEE Star rating
43	S 41M015005	1.50	5	50	11.3 - 16.5	11.40	5
44	S 41M020006	2.00	6	50	13.5 - 19.8	15.05	5
45	S 41M030008	3.00	8	50	18.0 - 26.4	21.60	5
46	S 43R010018	1.00	18	25	45.0 - 66.0	3.25	5
47	S 43R015025	1.50	25	25	56.3 - 82.5	4.00	5
48	S 43R020032	2.00	32	25	67.5 - 99.0	4.80	5
49	S 43R030045	3.00	45	25	93.8 - 137.5	6.90	5
50	S 43R010014	1.00	14	32	42.0 - 61.6	3.25	5
51	S 43R015020	1.50	20	32	60.0 - 88.0	4.00	5
52	S 43R020025	2.00	25	32	75.0 - 110.0	4.80	5
53	S 43R030035	3.00	35	32	105.0 - 154.0	6.90	5
54	S 43R010010	1.00	10	32	30.0 - 44.0	3.25	5
55	S 43R015015	1.50	15	32	45.0 - 66.0	4.00	5
56	S 43R020020	2.00	20	32	60.0 - 88.0	4.80	5
57	S 43R030030	3.00	30	32	90.0 - 132.0	6.90	5
58	S 43R040035	4.00	35	32	105.0 - 154.0	9.00	5
59	S 43R050040	5.00	40	32	120.0 - 176.0	10.60	5
60	S 43R010008	1.00	8	32	24.0 - 35.2	3.25	5
61	S 43R015012	1.50	12	32	36.0 - 52.8	4.00	5
62	S 43R020016	2.00	16	32	48.0 - 70.4	4.80	5
63	S 43R030024	3.00	24	32	72.0 - 105.6	6.90	5
64	S 43R040030	4.00	30	32	90.0 - 132.0	9.00	5
65	S 43R050035	5.00	35	32	105.0 - 154.0	10.60	5

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