SPCO®

makes life easier

UGM 4“

Water Lubricated
Submersible Motors, 50Hz

4“ Rewindable Water Lubricated Motors

Specifications

4“ SPCO Water Lubricated Motors are rewindable.

Coupling dimensions as per NEMA standard.

Winding wire: Polywrapped.

Degree of protection: IP68.

Max water temperature: 35 ºC.

Start per hr: 30time (Max).

Allowable voltage variation +6% -10%.

Motor shaft of Stainless Steel.

Stator shell of Stainless Steel.

Max depth immersion: 250M.

Mounting: vertical / horizontal.

Upper / Lower bracket in Cast Iron with Epoxy / SS.

Single Phase Motors are Capacitor start and run.

Motor Cable length: 3 Meter (3 Core / 4 core).

Coolant: Clear Water.

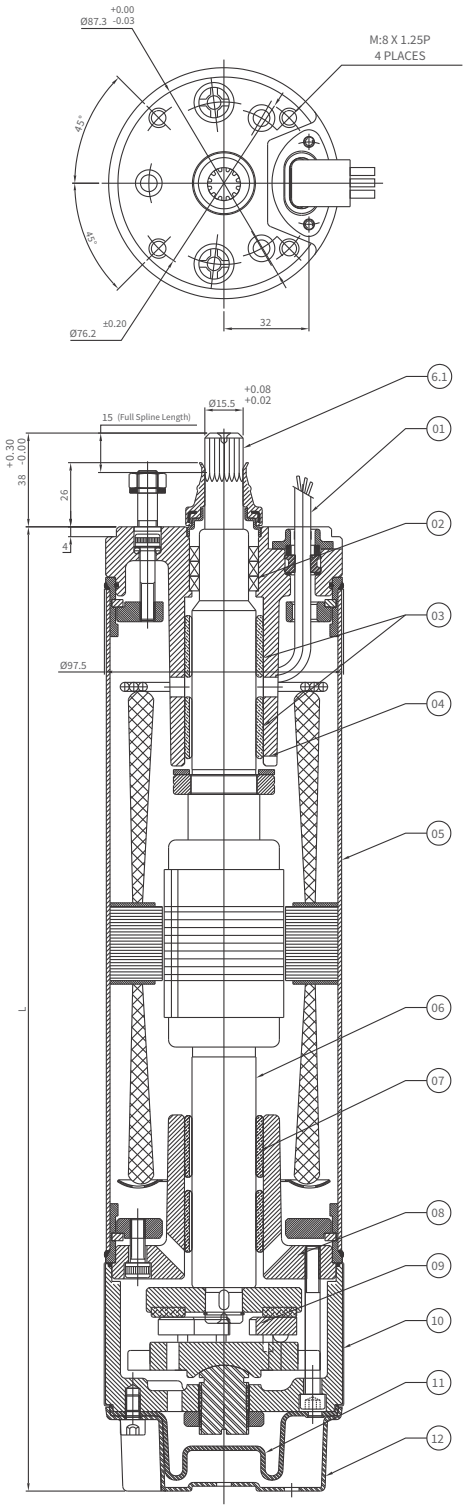
Version

Single Phase: 0.37kW to 2.2Kw, 230Volt / 50Hz.

Three Phase: 0.55kW to 7.5Kw, 380 - 415Volt / 50Hz.

Motor with other Voltage and frequency rating are also available on specific demand.

Section drawing



4" W/L REWINDABLE MOTOR DESIGN

PN		PW L [mm] C.I. / S.S.	Motor Weight		Motor Weight	
[kW]	[HP] (S.P)		S.S. 304	Cast Iron	S.S. 304	Cast Iron
0.37	0.50	495	12.0	12.2	13.8	15.7
0.55	0.75	495	12.0	12.2	13.8	15.7
0.75	1.00	510	12.5	12.6	14.2	16.2
1.10	1.50	525	12.8	13.2	14.7	16.7
1.50	2.00	610	20.6	21.7	23.7	24.0
2.20	3.00	660	23.2	24.3	26.0	27.0
3.70	5.00	880	36.2	38.4	40.5	42.0

PN		PW L [mm] C.I. / S.S.	Motor Weight		Motor Weight	
[kW]	[HP] (T.P)		S.S. 304	Cast Iron	S.S. 304	Cast Iron
0.37	0.50	535	12.9	13.2	15.0	17.0
0.55	0.75	535	12.9	13.2	15.0	17.0
0.75	1.00	570	16.9	17.2	20.2	22.2
1.10	1.50	570	16.9	17.2	20.2	22.2
1.50	2.00	590	20.0	21.0	23.0	24.0
2.20	3.00	640	22.5	23.6	25.2	26.2
3.70	5.00	740	33.5	35.4	38.0	39.0
5.50	7.50	880	36.2	38.4	40.5	43.0
7.50	10.00	935	38.4	40.7	42.9	45.6

No	PART'S NAME	MATERIAL
01	CABLE 3 CORE/4 CORE	EPR/P.V.C
02	OIL SEAL	N.B.R
03	BEARING BUSH	CARBON
04	UPPER HOUSING	CAST IRON (F.G 200) / S.S 304
05	MOTOR SHELL	S.S.304
06	ROTOR SHAFT	S.S.420
6.1	SHAFT END	S.S.303
07	BEARING BUSH	CARBON
08	LOWER HOUSING	CAST IRON (FG-200)
09	THRUST BEARING SET	CARBON / S.S 420
10	LOWER PART-2	CAST IRON (F.G 200) WITH
11	PRESSURE CUP	N.B.R
12	MOTOR BASE	S.S.304
13	ALL HARDWARE	S.S.316/304

Performance Data of Single Phase

CSR

Performance Data of 4" Rewindable Single Phase (W/L) Motors (220-230 Volt / 50 Hz) CSR

PN		Thrust Load [N]	UN [V]	nN [min-1]	IN [A]	IA [A]	η [%]			cos φ			TN [Nm]	TA [Nm]	Capacitor Running µF (Uc=450V)
[HP]	[kW]						**50**	**75**	**100**	**50**	**75**	**100**			
0.50	0.37	1500	220	2855	3.21	10.6	37	49	56	0.89	0.93	0.96	1.21	0.93	72
			230	2860	3.40	11.3	36	47	54	0.82	0.84	0.93	1.21	1.02	
0.75	0.55	1500	220	2845	4.19	15.38	47	58	64	0.91	0.94	0.97	1.86	1.28	72
			230	2855	4.29	16.11	46	57	64	0.82	0.91	0.93	1.86	1.42	
1.00	0.75	1500	220	2845	5.79	20.21	45	56	61	0.95	0.98	0.99	2.45	1.99	72
			230	2855	5.70	21.10	43	53	61	0.91	0.96	0.98	2.45	2.19	
1.50	1.10	3000	220	2850	8.41	30.11	47	58	64	0.91	0.95	0.98	3.70	2.81	72
			230	2855	8.58	31.50	44	54	63	0.82	0.90	0.95	3.70	3.10	
2.00	1.50	3000	220	2805	10.59	33.91	52	62	68	0.92	0.95	0.98	4.97	3.28	72
			230	2825	10.59	35.38	50	59	67	0.81	0.90	0.96	4.97	3.62	
3.00	2.20	4000	220	2815	16.00	54.1	52	60	64	0.95	0.96	0.99	7.41	4.37	108
			230	2840	15.51	56.6	51	62	66	0.85	0.92	0.97	7.41	4.82	
4.00	3.00	4000	220	2810	20.1	72	55	61	66	0.94	0.96	0.96	10	6	108
			230	2830	20.0	74	52	61	67	0.85	0.93	0.97	9.94	6.5	

CSCR

Performance Data of 4" Rewindable Single Phase (W/L) Motors (220-230 Volt / 50 Hz) CSCR

PN		Thrust Load [N]	UN [V]	nN [min-1]	IN [A]	IA [A]	η (Eff.) [%] at % load			cos φ (PF) at % load			TN [Nm]	TA [Nm]	Capacitor Running µF (Uc=450V)	Capacitor Starting µF (Uc=270V)
[H.P.]	[kW]						**50**	**75**	**100**	**50**	**75**	**100**				
0.50	0.37	1500	220	2890	4.21	15.11	50	60	62	0.51	0.64	0.74	1.21	2	72	100-120
			230	2890	4.00	14.30	50	60	62	0.51	0.64	0.74	1.21	2		
0.75	0.55	1500	220	2895	6.29	24.11	51	59	63	0.49	0.60	0.69	1.79	2.7	72	100-120
			230	2895	6.00	23.00	51	59	63	0.49	0.60	0.69	1.79	2.7		
1.00	0.75	1500	220	2890	7.59	29.5	55	63	64	0.55	0.66	0.76	2.51	4.1	72	100-120
			230	2890	7.31	28.2	55	63	64	0.55	0.66	0.76	2.51	4.1		
1.50	1.10	3000	220	2890	9.58	41.3	57	66	68	0.58	0.72	0.80	3.69	6.0	72	100-120
			230	2890	8.90	39.5	57	66	68	0.58	0.72	0.80	3.69	6.0		
2.00	1.50	3000	220	2880	11.58	55.7	61	67	68	0.70	0.82	0.88	4.89	8.28	72	100-120
			230	2880	11.10	53.5	61	67	68	0.70	0.82	0.88	4.89	8.28		
3.00	2.20	4000	220	2885	16.71	83	62	68	70	0.71	0.81	0.88	7.41	14	108	120-150
			230	2885	15.89	87	62	68	70	0.71	0.81	0.88	7.41	14		
4.00	3.00	4000	220	2885	20.6	103	62	68	71	0.73	0.82	0.88	9.75	18.5	108	120-150
			230	2885	20.3	112	62	68	71	0.73	0.82	0.88	9.75	18.5		

- P_N :Rated Output
- F[N] :Axial Thrust Load
- U_N :Rated Voltage
- n_N :RPM
- cos :Power Factor
- I_N :Full Load Current
- I_A :Starting Current
- η :Motor Efficiency
- T_N :Full Load Torque
- T_A :Starting Torque

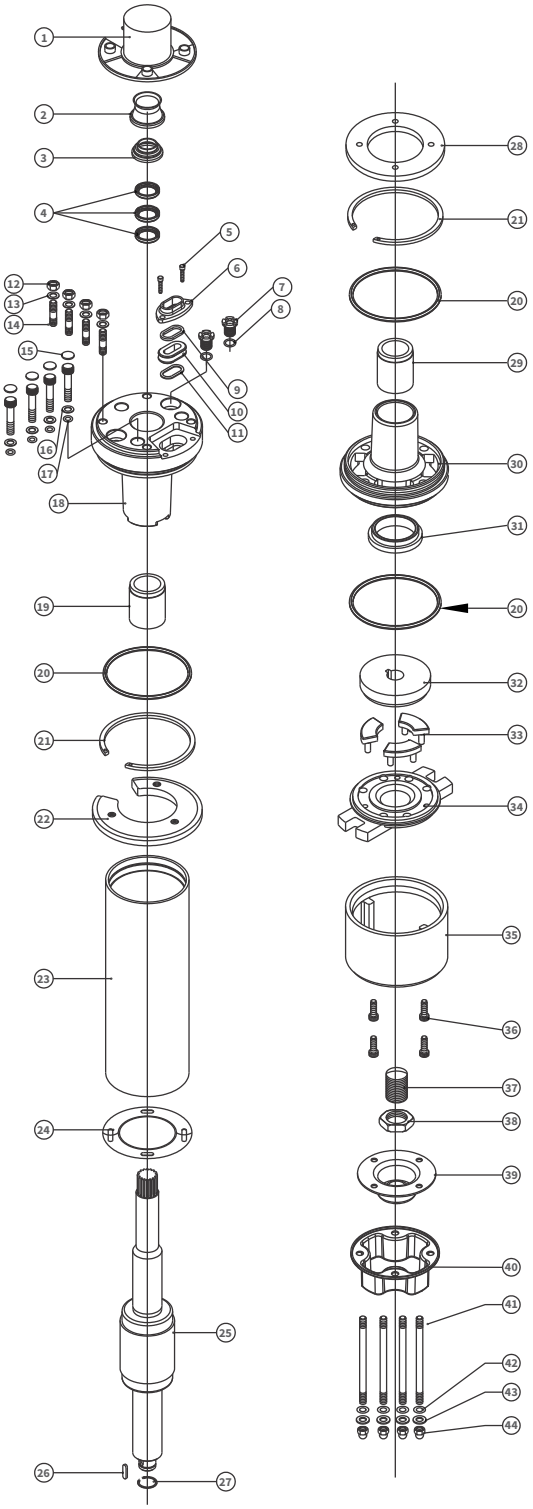
Performance Data of Three Phase

Performance Data of 4" Rewindable three Phase (W/L) Motors (380-415Volt / 50 Hz)

PN		Thrust F [N]	UN [V]	nN [min-1]	IN [A]	IA [A]	η (Eff.) [%] at % load			cos φ (PF) at % load			TN [Nm]	TA [Nm]
[HP]	[kW]						**50**	**75**	**100**	**50**	**75**	**100**		
0.75	0.55	1500	380	2835	1.59	6.00	60	66	67	0.60	0.72	0.81	1.89	3.11
			400	2855	1.59	6.38	58	65	67	0.54	0.68	0.75	1.89	3.51
			415	2875	1.70	6.61	55	64	66	0.50	0.64	0.80	1.89	3.70
1.00	0.75	1500	380	2845	2.11	8.88	64	67	70	0.58	0.71	0.79	2.50	4.81
			400	2870	2.11	9.30	60	68	69	0.51	0.64	0.75	2.50	5.32
			415	2880	2.20	9.81	58	65	68	0.49	0.61	0.72	2.50	5.89
1.50	1.10	3000	380	2825	3.00	13.70	68	72	73	0.58	0.72	0.81	3.79	9.61
			400	2840	3.00	14.51	67	71	73	0.53	0.67	0.75	3.69	10.60
			415	2860	3.11	15.28	65	70	72	0.50	0.62	0.72	3.69	11.49
2.00	1.50	3000	380	2845	3.91	18.59	68	72	73	0.60	0.72	0.81	5.0	11.31
			400	2855	4.00	19.21	66	72	73	0.54	0.66	0.77	5.0	12.60
			415	2870	4.10	20.21	64	70	72	0.49	0.62	0.73	4.9	13.49
3.00	2.20	4000	380	2820	5.80	28.68	71	75	75	0.59	0.72	0.81	7.59	21.71
			400	2840	5.91	28.90	70	73	75	0.51	0.65	0.76	7.51	23.61
			415	2870	6.29	30.78	66	71	74	0.46	0.60	0.69	7.51	25.90
4.00	3.00	4000	380	2810	8.5	29.5	62	67	70	0.72	0.78	0.82	10	16
			400	2820	8.2	31.0	61	66	68	0.71	0.77	0.80	9.97	17.95
			415	2850	8.0	33.0	60	65	67	0.70	0.76	0.80	9.87	18.75
5.50	4.00	4000	380	2790	10.79	32.29	62	67	71	0.72	0.79	0.83	13.39	21.25
			400	2790	10.51	34.00	61	65	69	0.70	0.76	0.82	13.30	23.54
			415	2810	10.0	35.00	59	64	66	0.69	0.74	0.82	13.30	25.29
7.50	5.50	4000	380	2785	14.79	50.4	69	73	74	0.74	0.79	0.84	18.93	37.19
			400	2790	14.51	53.0	68	72	73	0.74	0.79	0.84	18.92	41.21
			415	2810	14.00	54.9	67	69	71	0.73	0.77	0.83	18.81	44.35
10.0	7.50	4000	380	2855	18.00	61.1	70	72	73	0.98	0.95	0.92	24.58	45.10
			400	2860	18.31	62.0	67	71	72	0.99	0.94	0.91	24.51	46.00
			415	2880	18.79	65.9	66	68	70	0.97	0.92	0.88	24.40	47.51

- P_N :Rated Output
- F[N] :Axial Thrust Load
- U_N :Rated Voltage
- n_N :RPM
- cos :Power Factor
- I_N :Full Load Current
- I_A :Starting Current
- η :Motor Efficiency
- T_N :Full Load Torque
- T_A :Starting Torque

Spare Parts



No.	Part's Name
1	Plastic cap
2	Sand Guard
3	Upper Cap
4	Oil Seal
5	Cable Clip Screw
6	Cable protector cap
7	Drain plug
8	Drain Plug 'O' Ring
9	Plastic Grommet washer
10	Rubber Grommet
11	SS Grommet Washer
12	Hex Nut
13	Stud Washer
14	Upper stud
15	Allen Bolt Cap
16	Allen Bolt Washer
17	Allen Bolt 'O' Ring
18	Upper Housing
19	Bearing Bush Upper Side
20	O' Ring
21	Cir Clip
22	Upper Flange
23	Stator Body
24	Winding Cap
25	Rotor Stamping
26	Rotor Key
27	Rotor Cir Clip
28	Lower Flange
29	Bearing Bush Lower Side
30	Lower Housing
31	Fiber C.T. Bearing
32	Carbon Plate
33	Segment
34	Counter Bearing
35	Lower Part -2
36	Allen Bolt (Lower Side)
37	Rocker
38	Rocker Lock Nut
39	Pressure Cup
40	Motor Base
41	Lower Stud
42	Stud 'O' Ring
43	Stud Washer
44	Dome Nut

SPCO®

makes life easier

UGM 6“

Water Lubricated
Submersible Motors, 50Hz

6“ Rewindable Water Lubricated Motors

Specifications

6“ SPCO Water Lubricated Motors are rewindable.

Coupling dimensions as per NEMA standard.

Winding wire: Polywrapped.

Degree of protection: IP68.

Max water temperature: 35 °C.

Start per hr: 30time (Max).

Allowable voltage variation +6% -10%.

Motor shaft of Stainless Steel.

Stator shell of Stainless Steel.

Max depth immersion: 350M.

Mounting: vertical / horizontal.

Motor Cable length : 3 Meter / 3 Core with separate earth cable & 4 Core.

Cooling Flow : V=0.2 M/S.

Coolant : Clear Water.

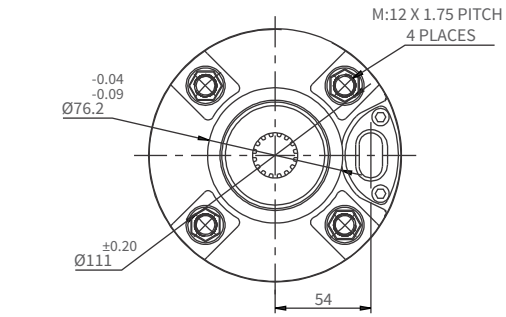
Version

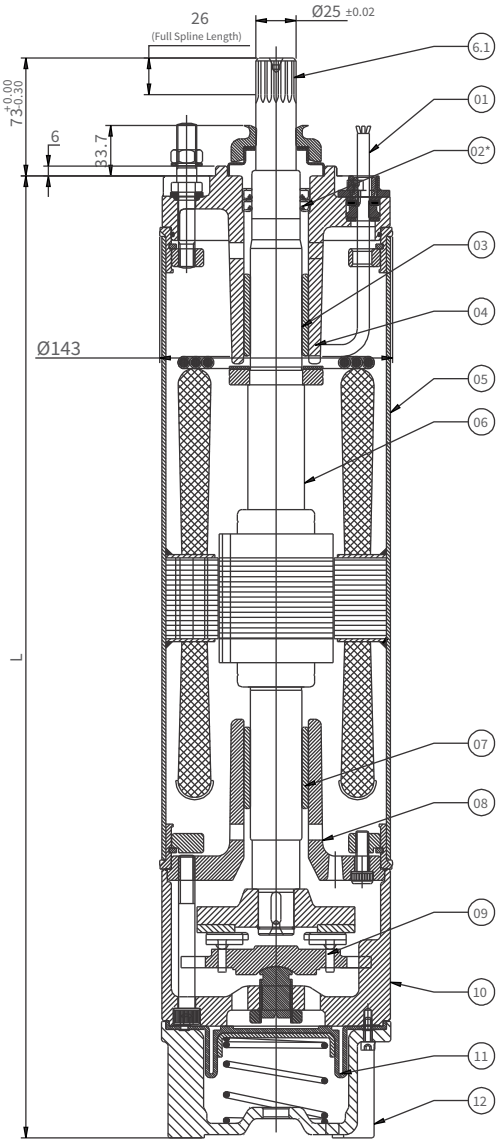
Three Phase: 2.20 kW To 37.5 kW / 380-415 Volt/ 50 Hz.

Motors with other Voltage and frequency ratings are available on specific Demand.

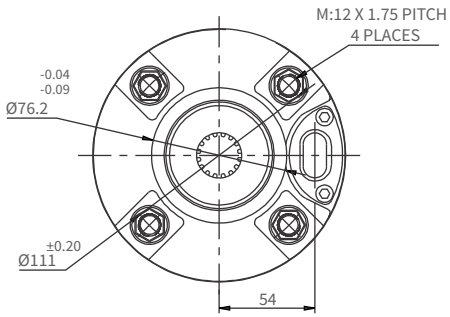
6“ Rewindable Water Lubricated Motors design

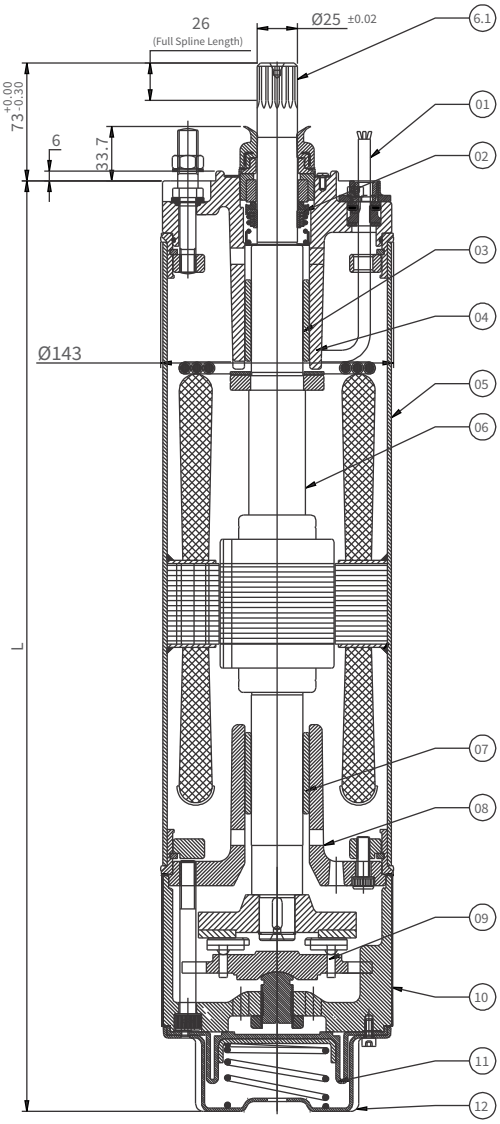
MOTOR-A





MOTOR-B





6“ Rewindable Water Lubricated Motors design

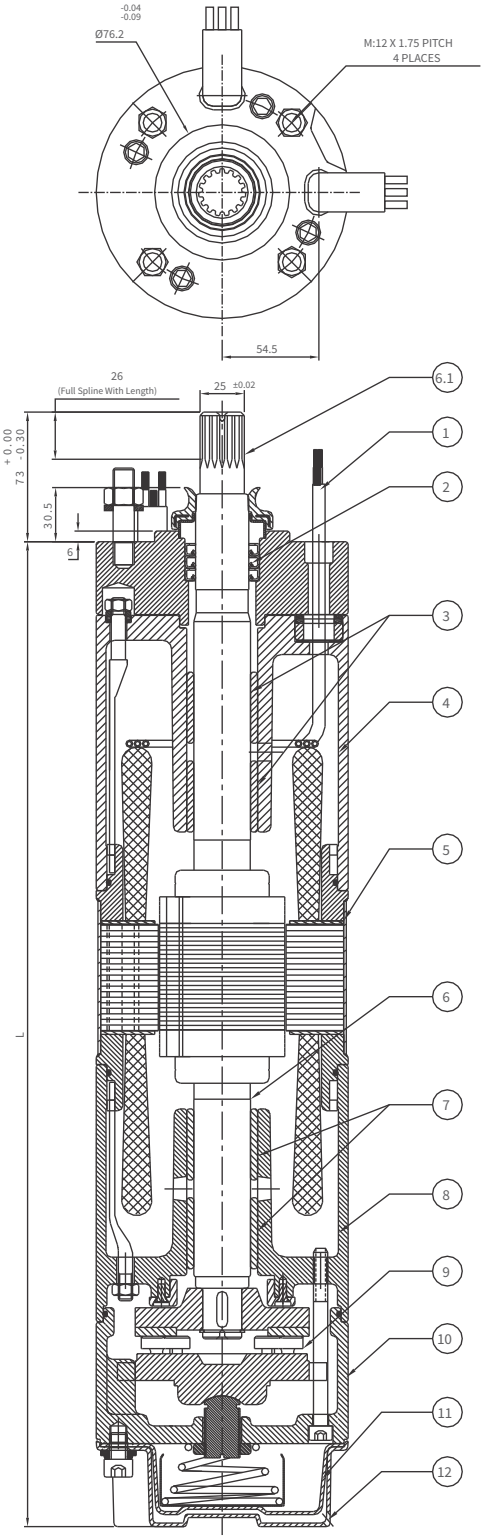
MOTOR-A		
SR	**PART'S NAME**	**MATERIAL**
01	CABLE 3 CORE/4 CORE	EPR
02	OIL SEAL	N.B.R
02	MECH / SEAL*	CARBON/CIRAMIC
03	BEARING BUSH	CARBON
04	UPPER HOUSING	CAST IRON (F.G 200)
05	MOTOR SHELL	S.S.304
06	ROTOR SHAFT	S.S.420
6.1	SHAFT END	S.S.303
07	BEARING BUSH	CARBON
08	LOWER HOUSING	CAST IRON (F.G 200)
09	THRUST BEARING SET	CARBON / S.S.420
10	LOWER PART-2	CAST IRON (F.G 200)
11	PRESSURE CUP	N.B.R
12	MOTOR BASE	CAST IRON (F.G 200)
13	ALL HARDWARE	S.S.316/304
MOTOR-B		
SR	**PART'S NAME**	**MATERIAL**
01	CABLE 3 CORE/4 CORE	EPR
02	MECH. SEAL	CARBON/CIRAMIC
03	BEARING BUSH	CARBON
04	UPPER HOUSING	CAST IRON(F.G 200) /
05	MOTOR SHELL	S.S.304
06	ROTOR SHAFT	S.S.420
6.1	SHAFT END	S.S.303
07	BEARING BUSH	CARBON
08	LOWER HOUSING	CAST IRON (F.G 200)
09	THRUST BEARING SET	CARBON / S.S.420
10	LOWER PART-2	CAST IRON (F.G 200)
11	PRESSURE CUP	N.B.R
12	MOTOR BASE	S.S.304
13	ALL HARDWARE	S.S.316/304

P N		PW L [mm] C.I.	PW L [mm] S.S.	Motor Weight [kg]		Motor Weight (incl.pkg) [kg]	
[kW]	[HP]			S.S. 304	Cast Iron	S.S. 304	Cast Iron
2.2	3.00	657	637	24.0	20.0	27.0	24.0
3.7	5.00	667	647	39.0	35.0	42.7	39.4
4.1	5.50	682	662	43.0	39.0	46.7	43.4
5.5	7.50	747	727	46.0	49.0	51.2	54.2
7.5	10.00	777	757	50.0	54.0	54.2	57.8
9.3	12.50	803	787	53.0	59.0	56.8	63.0
11.0	15.00	847	827	61.0	63.0	64.8	66.6
13.0	17.50	897	877	64.0	67.0	67.7	70.7
15.0	20.00	937	917	70.0	71.0	74.6	75.2
18.5	25.00	992	972	76.0	80.0	79.8	83.5
22.0	30.00	1067	1047	90.0	90.0	94.2	94.3
26.0	35.00	1127	1107	94.0	97.0	98.0	101.0
30.0	40.00	1247	1227	102.0	100.0	108.0	105.0
37.0	50.00	1347	1347	127.5	125.5	133.5	130.5

6” CI T-Type rewindable motor design

SR	PART'S NAME	MATERIAL
01	CABLE 3 CORE/4 CORE	E.P.R
02	OIL SEAL	N.B.R
02	MECH / SEAL*	CARBON/CIRAMIC
03	BEARING BUSH	CARBON
04	UPPER HOUSING	CAST IRON (F.G 200)
05	MOTOR SHELL	S.S.304
06	ROTOR SHAFT	S.S.420
6.1	SHAFT END	S.S.303
07	BEARING BUSH	CARBON
08	LOWER HOUSING	CAST IRON (F.G 200)
09	THRUST BEARING SET	CARBON / S.S.420
10	LOWER PART-2	CAST IRON (F.G 200) WITH S.S.
11	PRESSURE CUP	N.B.R
12	MOTOR BASE	S.S.304
13	ALL HARDWARE	S.S.316/304

PN		PW L [mm] C.I.	Motor Weight [kg]	Motor Weight (incl.pkg) [kg]
[kW]	[HP]		Cast Iron	Cast Iron
2.20	3.00	590	20.0	24.0
2.94	4.00	590	20.0	24.0
3.70	5.00	605	35.0	39.4
3.70	5.00	615	39.0	43.4
4.40	6.00	630	44.0	49.5
5.50	7.50	695	49.0	54.6
7.50	10.00	725	54.0	58.2
9.30	12.50	755	59.0	63.0
11.0	15.00	795	62.0	66.0
13.0	17.50	845	67.0	70.7
15.0	20.0	885	70.0	74.2
18.5	25.00	940	76.0	80.2
22.0	30.00	1015	85.0	89.2
26.0	35.00	1075	97.0	101.0
30.0	40.00	1195	104.0	108.4
37.0	50.00	1295	113.0	117.8



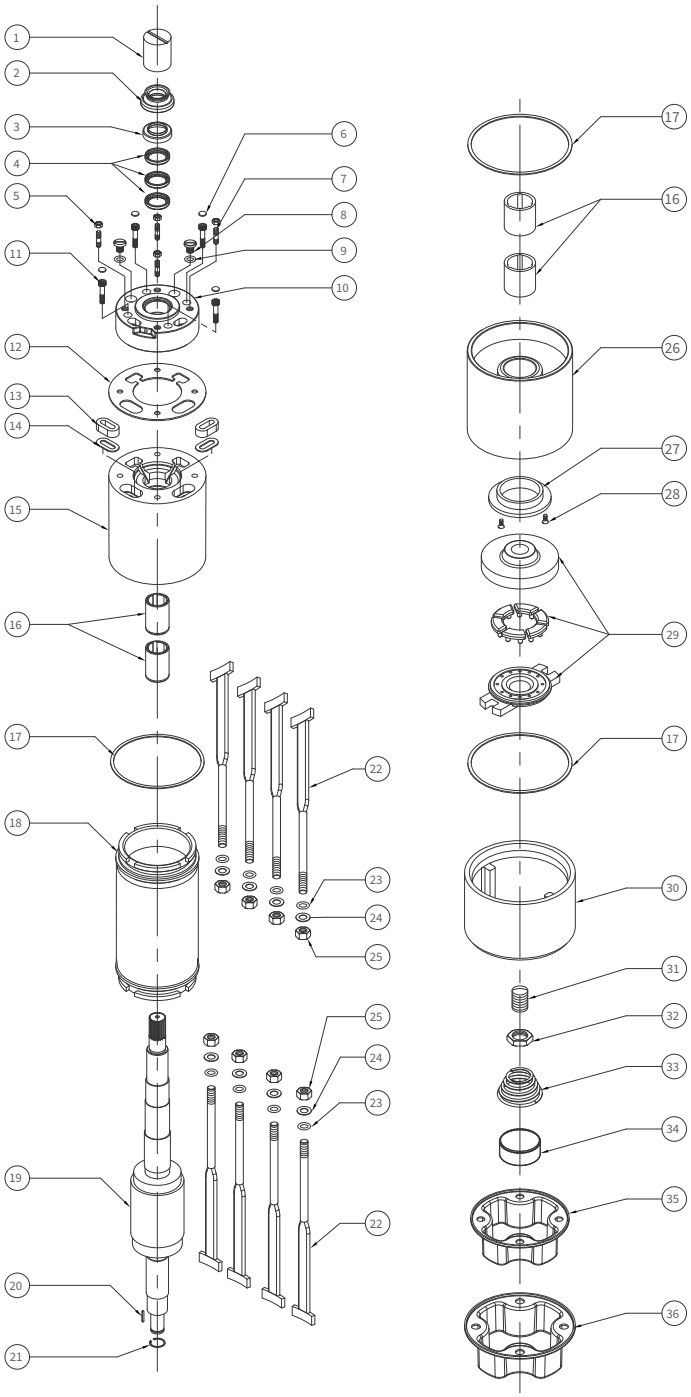
Performance Data

Performance Data of 6" Aqualite Submersible Motors / 50 Hz

PN		Thrust F [N]	UN [V]	nN [min-1]	IN [A]	IA [A]	η (Eff.) [%] at % load			cos ϕ(PF) at % load			TN [Nm]	TA [Nm]
[H.P.]	[kW]						**50**	**75**	**100**	**50**	**75**	**100**		
3.00	2.2	15500	380	2845	6.21	21.7	62	61	62	0.68	0.70	0.72	7.41	10.63
			400	2875	6.30	22.2	61	63	65	0.64	0.70	0.71	7.30	11.78
			415	2875	6.51	23.1	59	66	67	0.61	0.69	0.71	7.30	12.66
5.50	4	15500	380	2915	10.39	47	71	74	76	0.60	0.71	0.77	13.11	15.50
			400	2935	10.61	50	69	73	76	0.54	0.66	0.74	13.11	17.31
			415	2935	10.90	52	66	72	76	0.50	0.60	0.70	13.00	18.82
7.50	5.5	15500	380	2865	13.71	47	73	76	76	0.68	0.79	0.83	18.31	15.40
			400	2885	13.30	50	72	76	76	0.62	0.75	0.81	18.20	17.30
			415	2890	13.41	54	72	75	75	0.60	0.71	0.79	18.10	18.70
10.0	7.5	15500	380	2870	18.29	58	77	78	78	0.70	0.80	0.83	25.10	19.20
			400	2890	17.70	63	76	78	78	0.66	0.75	0.81	24.80	21.40
			415	2890	17.70	64	73	74	77	0.62	0.74	0.81	24.80	23.40
12.5	9.3	15500	380	2855	22.00	75	79	80	79	0.70	0.80	0.83	31.11	25.91
			400	2860	21.30	77	79	79	78	0.63	0.75	0.81	31.00	29.00
			415	2885	21.10	81	77	79	78	0.60	0.72	0.82	30.91	31.42
15.0	11	15500	380	2865	25.79	93	77	80	78	0.71	0.80	0.84	36.60	31.50
			400	2880	25.21	97	77	80	80	0.66	0.75	0.83	36.40	35.30
			415	2890	25.10	101	75	78	80	0.61	0.73	0.81	36.30	38.10
17.5	13	15500	380	2885	30.11	117	79	81	80	0.69	0.79	0.83	43.20	45.00
			400	2900	29.60	126	78	80	81	0.62	0.75	0.80	42.70	50.20
			415	2905	29.71	131	77	79	81	0.58	0.70	0.77	42.60	54.50
20.0	15	15500	380	2880	33.91	140	80	82	81	0.72	0.82	0.85	49.71	53.80
			400	2895	33.10	147	80	81	81	0.66	0.78	0.84	49.40	60.30
			415	2900	33.00	155	78	80	81	0.61	0.74	0.82	49.20	65.40
25.0	18.5	15500	380	2870	42.31	171	80	82	81	0.68	0.79	0.84	61.72	75.21
			400	2880	42.00	182	77	80	81	0.61	0.73	0.81	61.22	84.30
			415	2895	42.49	188	76	80	80	0.58	0.71	0.78	61.00	91.20
30.0	22	15500	380	2875	49.11	217	82	83	84	0.69	0.78	0.83	72.62	91.10
			400	2900	49.00	231	80	82	83	0.61	0.74	0.81	72.48	102.10
			415	2910	49.59	239	76	81	82	0.57	0.68	0.78	72.20	110.60
35.0	26	15500	380	2890	57.49	267	82	84	83	0.69	0.79	0.85	86.10	120.40
			400	2905	56.72	283	81	82	83	0.60	0.74	0.84	85.50	134.80
			415	2910	57.30	295	77	83	83	0.56	0.70	0.81	85.20	146.20
40.0	30	27500	380	2895	66.39	329	81	84	83	0.68	0.77	0.84	98.82	135.00
			400	2910	66.42	346	80	82	82	0.61	0.74	0.81	98.41	151.00
			415	2910	67.50	360	77	81	82	0.56	0.69	0.78	98.22	164.00
50.0	37	27500	380	2890	82.00	406	82	83	83	0.68	0.79	0.83	122.00	192.70
			400	2910	81.92	432	81	82	83	0.60	0.73	0.81	121.50	215.70
			415	2910	83.91	449	78	80	82	0.56	0.67	0.77	121.20	234.10

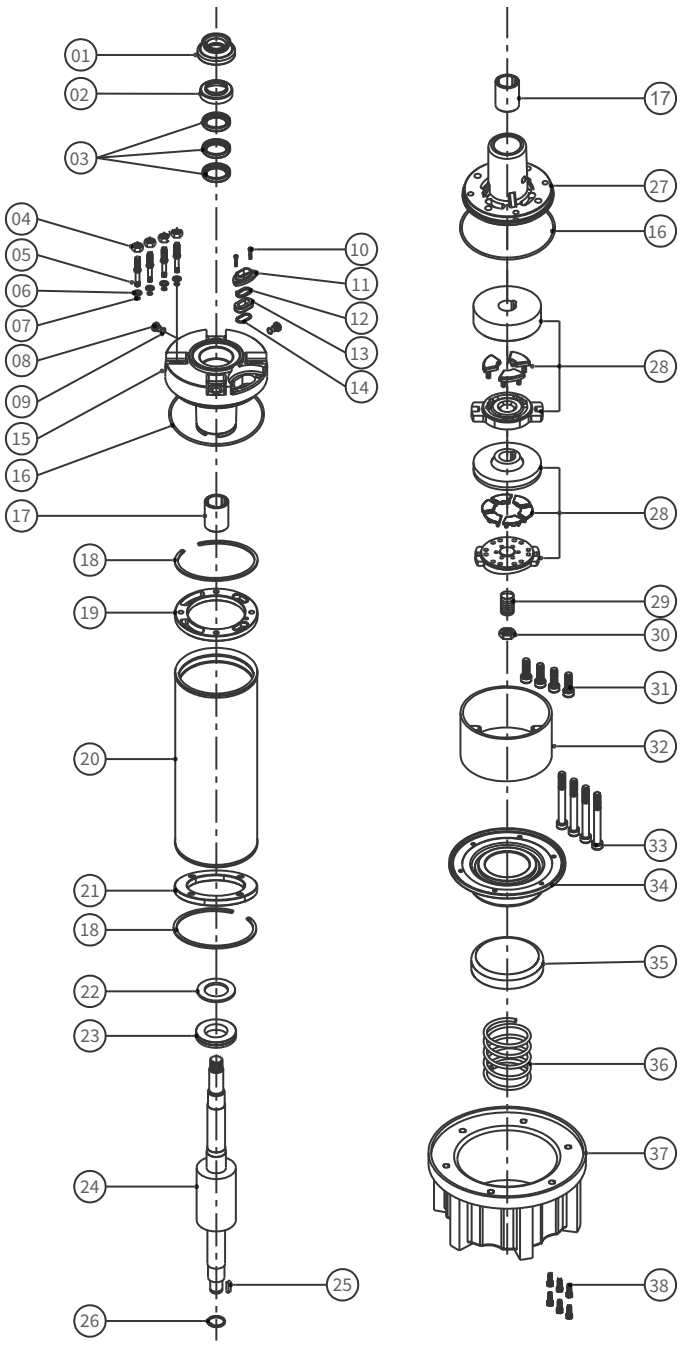
- P_N :Rated Output
- F[N] :Axial Thrust Load
- U_N :Rated Voltage
- n_N :RPM
- cos :Power Factor
- I_N :Full Load Current
- I_A :Starting Current
- η :Motor Efficiency
- T_N :Full Load Torque
- T_A :Starting Torque

6" CI T-Type Re-windable Motor exploded view



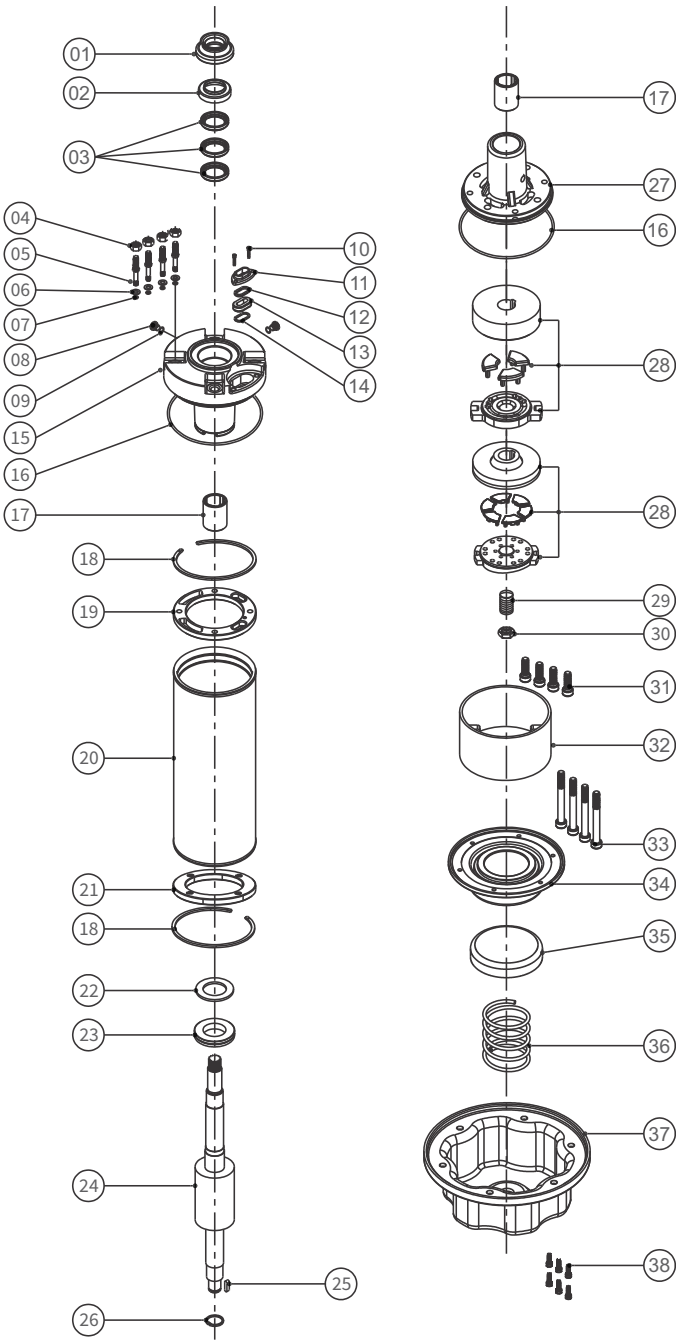
NO.	PARTS NAME
1.	ROTOR CAP
2.	SAND GUARD
3.	UPPER CAP
4.	OIL SEAL
5.	HEX. NUT (UPPER SIDE)
6.	ALLEN BOLT CAP
7.	STUD (UPPER SIDE)
8.	DRAIN PLUG
9.	DRAIN PLUG 'O' RING
10.	ADAPTOR
11.	ALLEN BOLT
12.	PAPER GASKET
13.	CABLE GROMMET
14.	CABLE GROMMET WASHER
15.	UPPER HOUSING
16.	BEARING BUSH
17.	PAPER GASKET
18.	STATOR BODY
19.	ROTOR
20.	ROTOR KEY
21.	CIRCLIP
22.	T-BOLT
23.	T-BOLT 'O' RING
24.	WASHER
25.	HEX NUT
26.	LOWER HOUSING
27.	C.T BEARING
28.	
S_2C	^{EW}THRUST BEARING SET
30.	LOWER PART-2
31.	ROCKER
32.	ROCKER LOCK NUT
33.	SPRING
34.	SPRING JACKET
35.	PRESSURE CUP
36.	MOTOR BASE

CI Motor base exploded view



No.	Part's Name
1	Sand Guard
2	Upper Cap
3	Oil Seal
4	Nut
5	Stud
6	Stud Washer
7	Stud 'O' Ring
8	Drain Plug
9	Drain Plug 'O' Ring
10	Allen Bolt
11	Cable Protector Cap
12	Plastic Grommet Washer
13	Rubber Grommet
14	S.S. Grommet Washer
15	Upper Housing
16	'O' Ring (Upper & Lower)
17	Bearing Bush
18	Cir Clip
19	Upper Flange
20	Stator Body
21	Lower Flange
22	Teflon Washer
23	Thrust Ring
24	Rotor Shah
25	Rotor Key
26	Cir Clip Bearing Side
27	Lower Housing
28	Thrust Bearing Set (Up To 10.0 H.P)
	Thrust Bearing Set (Above 10.0 H.P)
29	Rocker
30	Rocker Lock Nut
31	Allen Bolt Lower Side
32	Lower Part-2
33	Allen Bolt Lower Part-2 Side
34	Pressure Cup
35	Spring Jacket
36	Spring
37	Motor Base C.I
38	Allen Bolt Motor Base Side

Stainless steel Motor base exploded view



No.	Part's Name
1	Sand Guard
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4	Nut
5	Stud
6	Stud Washer
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8	Drain Plug
9	Drain Plug 'O' Ring
10	Allen Bolt
11	Cable Protector Cap
12	Plastic Grommet Washer
13	Rubber Grommet
14	S.S. Grommet Washer
15	Upper Housing
16	'O' Ring(Upper & Lower)
17	Bearing Bush
18	Cir Clip
19	Upper Flange
20	Stator Body
21	Lower Flange
22	Teflon Washer
23	Thrust Ring
24	Rotor Shaft
25	Rotor Key
26	Cir Clip Bearing Side
27	Lower Housing
28	Thrust Bearing Set (Up To 10.0 H.P)
	Thrust Bearing Set (Above 10.0 H.P)
29	Rocker
30	Rocker Lock Nut
31	Allen Bolt Lower Side
32	Lower Part-2
33	Allen Bolt Lower Part-2 Side
34	Pressure Cup
35	Spring Jacket
36	Spring
37	Motor Base
38	Allen Bolt Motor Base Side