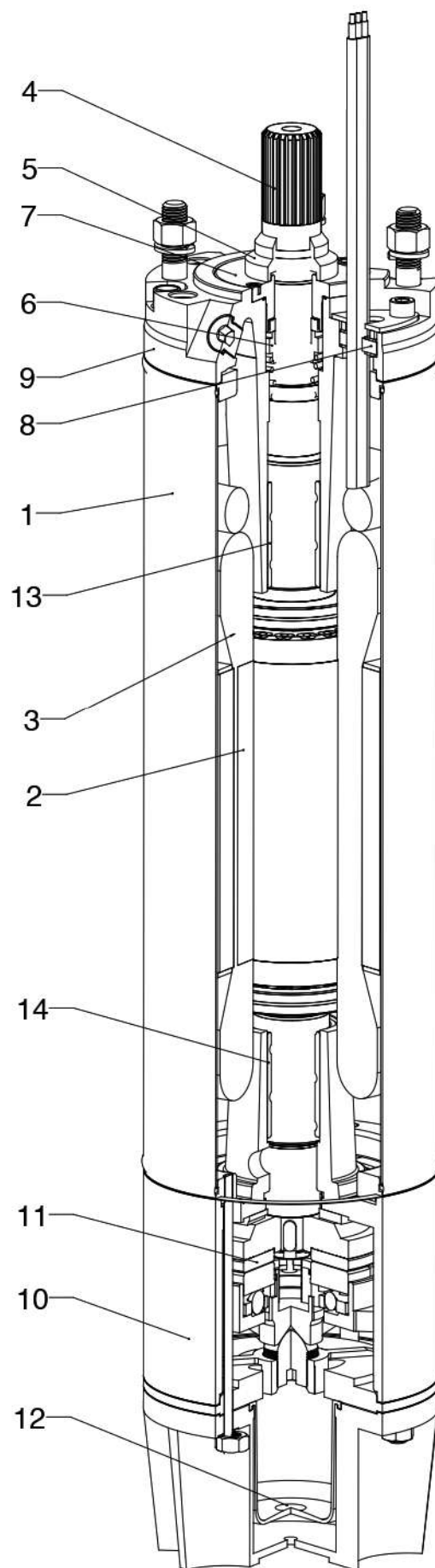


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SUBERSIBLE MOTORS



No.	Part	Material
1	Stator casing	Stainless steel AISI 304
2	Stator	Electrical steel
3	Winding	PPC
4	Rotor/shaft	Stainless steel AISI 420
5	Sand guard	SBR
6	Mechanical seal	Silicon carbide Silicon carbide
7	Mechanical seal housing	Stainless steel AISI 420
8	Cable sealing	NBR
9	Upper bracket	GG20 cast iron
10	Lower bracket	GG20 cast iron
11	Thrust bearing	Stainless steel Graphite compound
12	Diaphragm	SBR
13	Upper radial bearing	Graphite compound
14	Lower radial bearing	Graphite compound



8" Submersible Motors

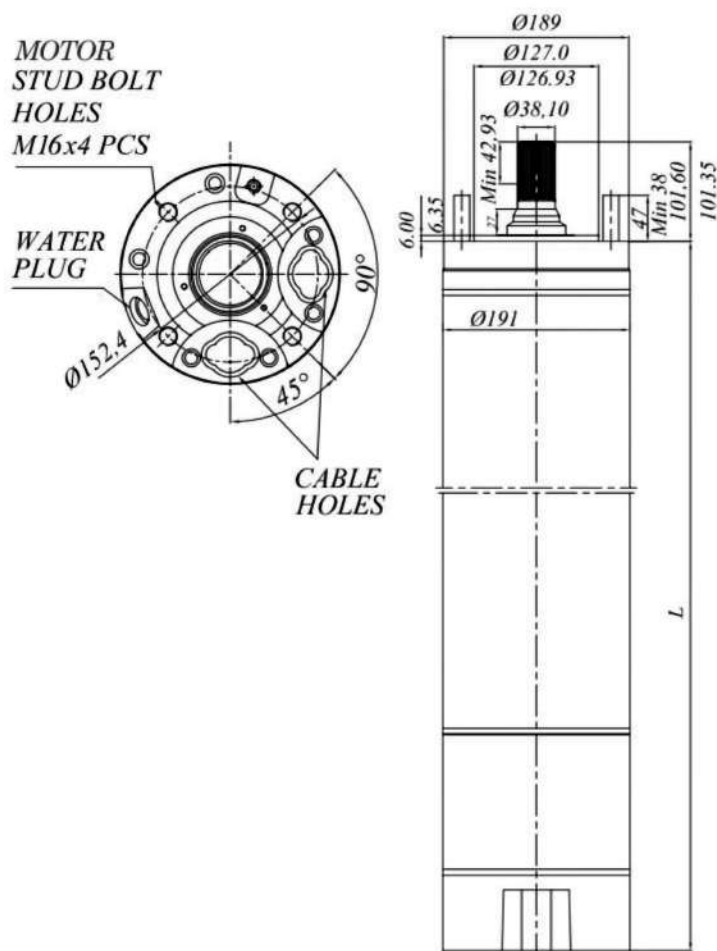
Motor data 50Hz

8" Motor Type		Nominal Power		Voltage	Efficiency		Power Factor (Cosφ)		I _n Nominal Current	Ma/Mn	I _a /I _n			Speed
		HP	kW	[V]	4/4	3/4	4/4	3/4	[A]		DOL	Y/D	Statoric	[rpm]
Three Phase 50Hz	KP830	30	22	380	81,5	82,5	0,86	0,825	47,7	1,2	4,69	1,55	3,28	2875
				400	82	82	0,83	0,78	46,6	1,3	4,80	1,58	3,36	2885
	KP840	40	30	380	83	83,5	0,860	0,830	63,7	1,2	4,68	1,54	3,28	2872
				400	84	83,5	0,830	0,775	62,1	1,3	4,80	1,58	3,36	2885
	KP850	50	37	380	84,2	86,1	0,88	0,850	75,8	1,2	4,74	1,56	3,32	2860
				400	85,2	86,1	0,855	0,81	73,3	1,3	4,90	1,62	3,43	2880
	KP860	60	45	380	84,8	86,6	0,87	0,845	92,7	1,1	4,48	1,48	3,13	2857
				400	85,5	86,6	0,84	0,800	90,2	1,2	4,60	1,52	3,22	2875
	KP875	75	55	380	84,7	85	0,885	0,860	111,8	1,3	4,74	1,56	3,32	2846
				400	85,3	86,6	0,86	0,82	108,2	1,45	4,90	1,62	3,43	2865
	KP880	80	59	380	84,8	87,7	0,875	0,825	120,7	1,3	4,57	1,51	3,20	2871
				400	85,6	86,4	0,845	0,80	117,4	1,45	4,70	1,55	3,29	2886
	KP885	85	63	380	83,4	86,9	0,880	0,85	130,3	1,3	4,53	1,50	3,17	2830
				400	84,4	85,9	0,855	0,815	125,7	1,45	4,70	1,55	3,29	2850
	KP890	90	66	380	83,7	83,7	0,875	0,840	137,0	1,3	4,53	1,50	3,17	2860
				400	85	85	0,84	0,795	133,5	1,45	4,70	1,55	3,29	2880
	KP895	95	70	380	85,5	87,3	0,88	0,85	140,8	1,4	5,06	1,67	3,54	2853
				400	86,2	87,3	0,855	0,805	137,1	1,6	5,20	1,72	3,64	2870
	KP8100	100	75	380	86	87,9	0,875	0,845	151,5	1,4	5,07	1,67	3,55	2856
				400	86,7	88	0,845	0,79	147,6	1,6	5,20	1,72	3,64	2875
	KP8110	110	81	380	86,4	86,9	0,87	0,835	163,8	1,4	5,08	1,68	3,56	2868
				400	87	87	0,84	0,785	160	1,6	5,22	1,73	3,65	2880
	KP8125	125	92	380	86,3	86,2	0,870	0,835	186,0	1,4	5,08	1,68	3,55	2865
				400	87	87	0,84	0,785	181,6	1,6	5,22	1,73	3,65	2880
	KP8150	150	110	380	85	86	0,880	0,850	226,0	1,6	5,07	2,78	3,55	2880
				400	85,6	85,3	0,86	0,820	219,0	1,8	5,40	2,90	3,68	2900

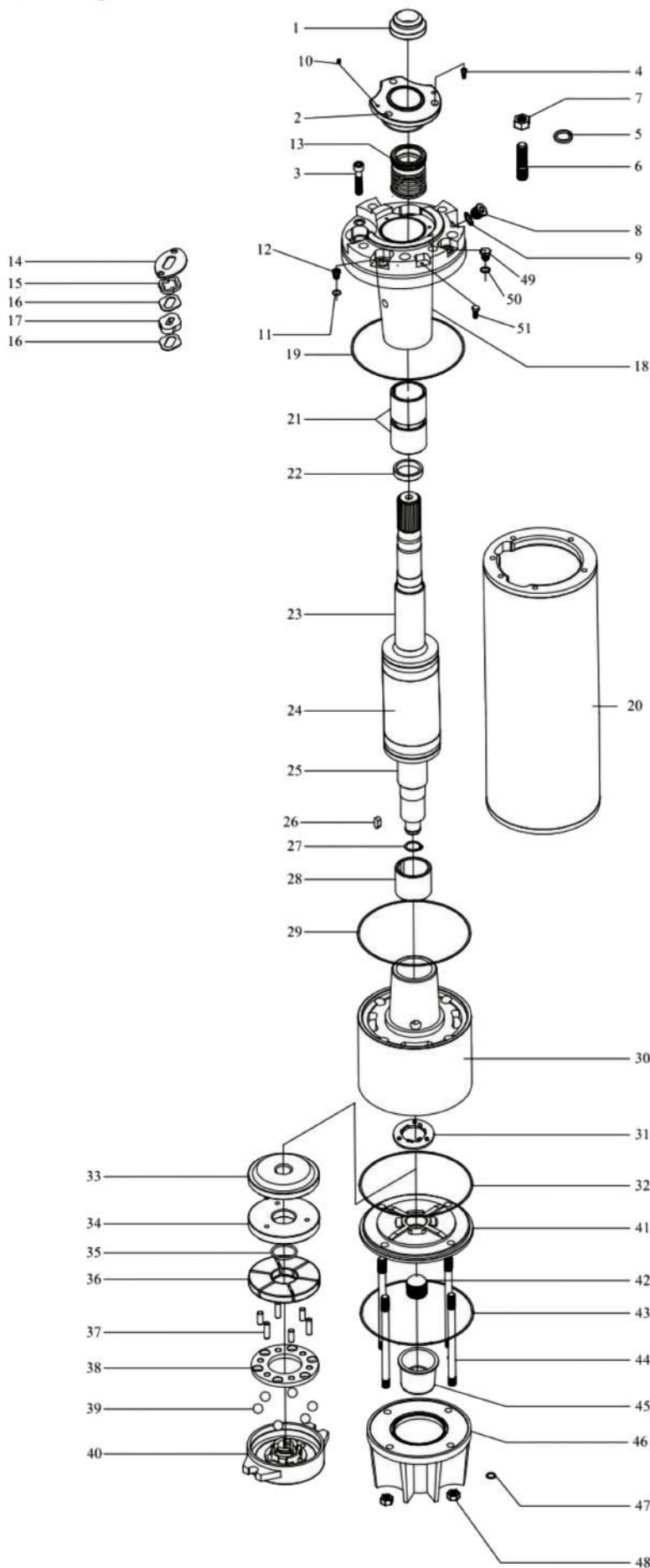
Ma=starting torque / Mn=nominal torque / I_a=starting current / I_n=nominal current

8" Submersible Motors

8" Motor Type	Nominal Power		Lenght	Weight	Diameter	Motor cable 380-400V		Cable lenght	Starting hour	Thrust load	Cooling Speed at 25°C / 30°C									
	HP	kW	[mm]	[kg]	[mm]	DOL	Y/A	[m]	[N°]	[N]	m/sec									
KP830	30	22	896	117	191	1x3x10	2x3x6	4	15	40.000	0,5									
KP840	40	30	956	133			2x3x10													
KP850	50	37	1026	146																
KP860	60	45	1076	155		1x3x16														
KP875	75	55	1156	170																
KP880	80	59	1166	175																
KP885	85	63	1196	179		1x3x25														
KP890	90	66	1266	194																
KP895	95	70	1296	196																
KP8100	100	75	1336	206		N.A.	2x3x16		10	55.000	45.000									
KP8110	110	81	1426	223																
KP8125	125	92	1536	243																
KP8150	150	110	1730	289		3x35	2x3x25													



Component List



- 1 Sand guard
- 2 Mechanical seal housing
- 3 Screw
- 4 Screw
- 5 Washer
- 6 Stud
- 7 Nut
- 8 Water plug
- 9 O-ring
- 10 Dowel
- 11 Gasket
- 12 Valve
- 13 Mechanical seal
- 14 Cable clamp flange
- 15 Cable clamp plastic
- 16 Cable clamp washer
- 17 Cable clamp seal
- 18 Upper bracket
- 19 Gasket
- 20 Stator casing
- 21 Bushing
- 22 Mechanical seal ring
- 23 Chrome bush
- 24 Rotor
- 25 Chrome bush
- 26 Key
- 27 Circlip
- 28 Bushing
- 29 Gasket
- 30 Lower bracket
- 31 Counter thrust ring
- 32 Gasket
- 33 Disc
- 34 Disc holder
- 35 Oring
- 36 Segment
- 37 Pin
- 38 Bearing support
- 39 Bearing ball
- 40 Bearing box
- 41 Adjustment cover
- 42 Adjustment screw
- 43 Gasket
- 44 Stud
- 45 Diaphragm
- 46 Diaphragm cover
- 47 Washer
- 48 Nut
- 49 PT100 plug
- 50 Gasket
- 51 Earthing screw

A dynamic splash of water forming a circular ring around the central text. The water is depicted with various shades of blue and white, showing droplets and flowing streams.

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SUBMERSIBLE MOTORS