50-60 Hz

JMU SUBMERSIBLE MOTORS "U" SERIES

JMS ELETTROPOMPE S.R.L.

MOTORI SOMMERSI

SUBMERSIBLE MOTORS

MOTEURS IMMERGEES

MOTORS SUMERGIDOS

SUBMERSIBLE MOTORS
JMS ELETTROPOMPE

Member of CSQ Federation
RINA
ISO 9001:2000
Certified Quality System

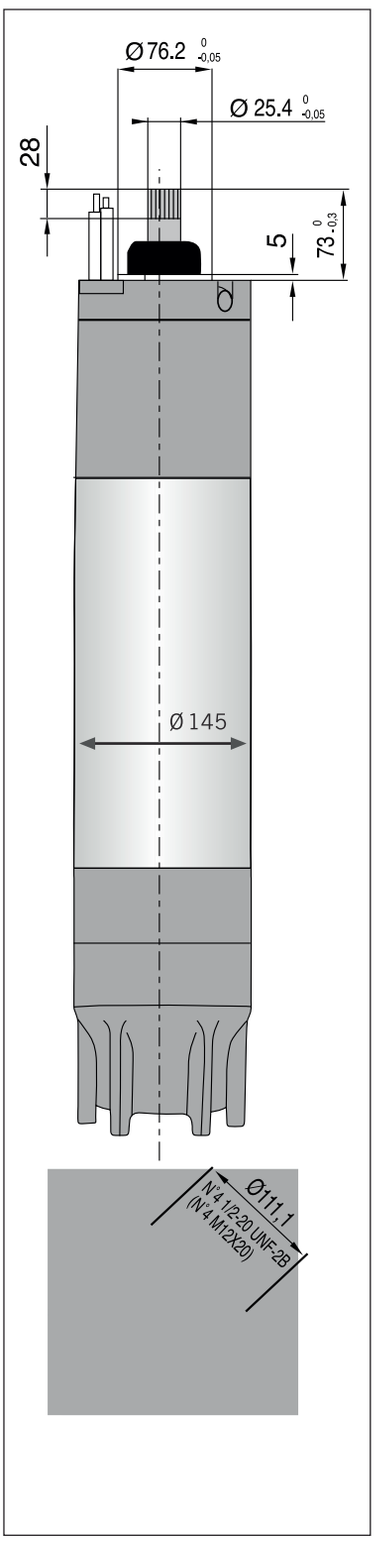
CE

NSF

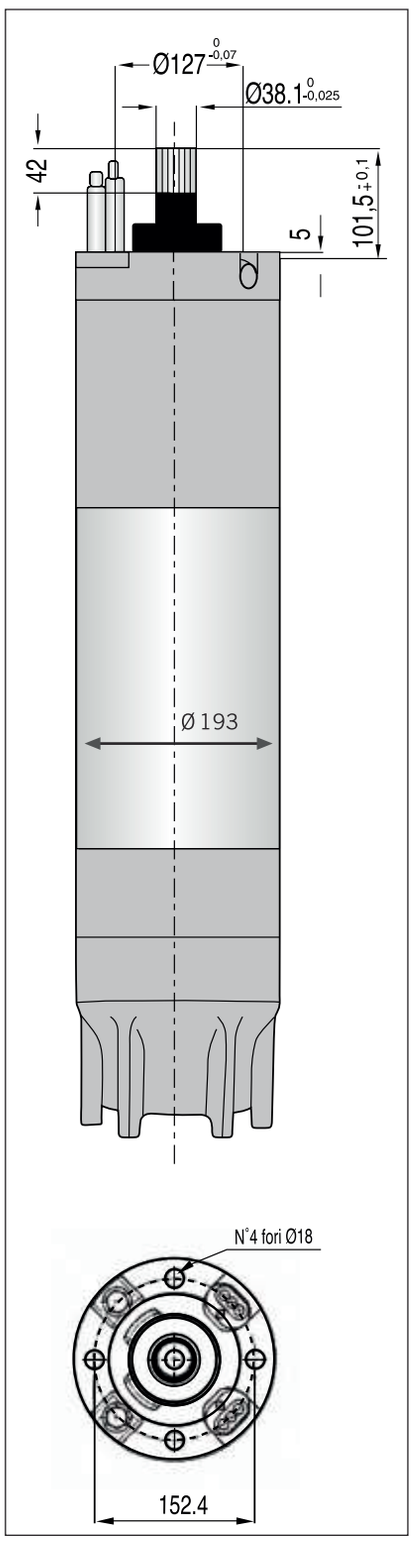
2024

SUBMERSIBLE MOTOR SERIES

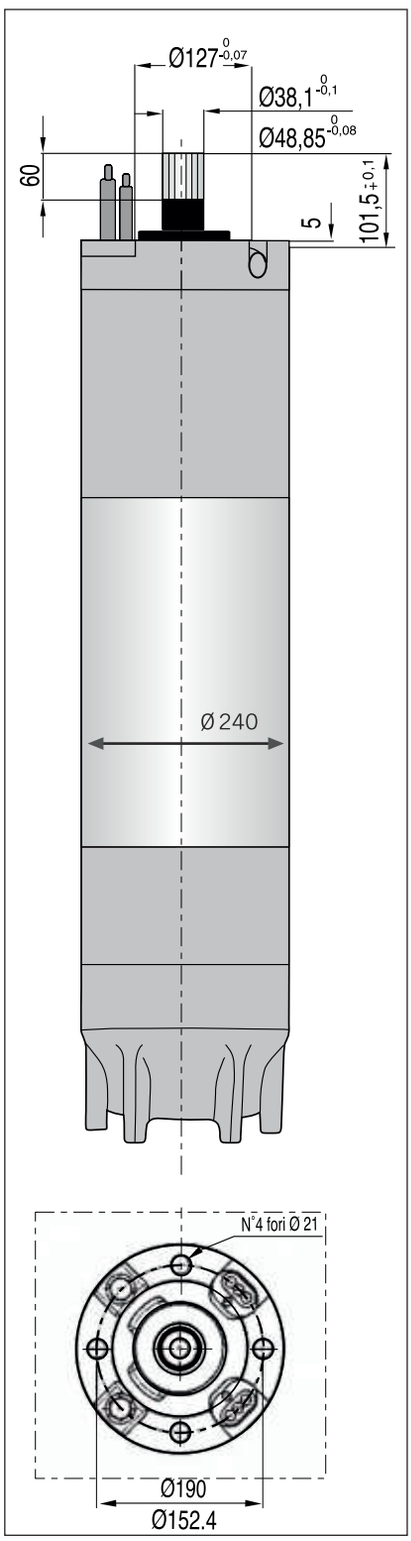
6” Motor



8” Motor



10” Motor



SUBMERSIBLE MOTORS

GENERAL DATA

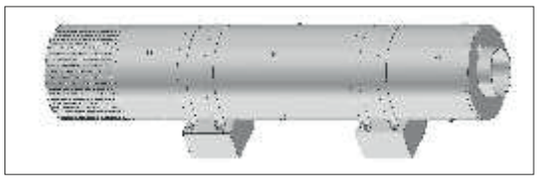
Flow Sleeves

Offers a complate range of stainless steel flow sleeves for both vertical and horizontal operation. Flow sleeves are recommended for all applications in which motor cooling is insufficient.The result is a general extension of motor life.

Flow sleeves should be used;

- If the submersible pump is exposed to high thermal load like unbalanced current, dry running, overload, high ambient temperature, bad cooling conditions.
- If sedimention or deposits occur around and/or on the motor.

Note: More information about accessories is available on request.



Zinc Anodes

Application

Zinc anodes are placed on the outside of the pump and motor as protection against corrosion. The number of anodes required depends on the pump and motor types.

Liquid temperatures

Sea water: Up to 30^{0}C.
Brackish water (min. 1500g/m^{3} chloride): Up to 35^{0}C.

Anode Life

The zinc anodes have a life of one to four years, depending on operating conditions (temperature, flow and chloride content).

SUBMERSIBLE MOTORS

Quantity of Water			Head Losses in Ordinary Water Pipes											
			Nominal Pipe Diameter in Inches and Internal in (mm)											
m^3/h	Litres/min.	Litres/sec.	1/2" 15.75	3/4" 21.25	1" 27.00	1 1/2" 35.75	1 1/4" 41.25	2" 52.50	2 1/2" 68.00	3" 80.25	3 1/2" 92.50	4" 105.0	5" 130.0	6" 155.5
0.6	10	0.16	0.855 9.910	0.470 2.407	0.292 0.784									
0.9	15	0.25	1.282 20.11	0.705 4.862	0.438 1.570	0.249 0.416								
1.2	20	0.33	1.710 33.53	0.940	0.584 2.588	0.331 0.667	0.249 0.346							
1.5	25	0.42	2.138 49.93	11.91	0.730 3.834	0.415 1.004	0.312 0.510							
1.8	30	0.50	2.565 69.34	1.409 16.50	0.876 5.277	0.498 1.379	0.374 0.700	0.231 0.223						
2.1	35	0.58	2.993 91.54	1.644 21.75	1.022 6.949	0.581 1.811	0.436 0.914	0.269 0.291						
2.4	40	0.67		1.879 27.66	1.168 8.820	0.664 2.290	0.499 1.160	0.308 0.368						
3.0	50	0.83		2.349 41.40	1.460 13.14	0.830 3.403	0.623 1.719	0.385 0.544	0.229 0.159					
3.6	60	1.00		2.819 57.74	1.751 18.28	0.996 4.718	0.748 2.375	0.462 0.751	0.275 0.218					
4.2	70	1.12		3.288 76.49	2.043 24.18	1.162 6.231	0.873 3.132	0.539 0.988	0.321 0.287	0.231 1.131				
4.8	80	1.33			2.335 30.87	1.328 7.940	0.997 3.988	0.616 1.254	0.367 0.363	0.263 6.164				
5.4	90	1.50			2.627 38.30	1.494 9.828	1.222 4.927	0.693 1.551	0.413 0.449	0.269 0.203				
6.0	100	1.67			2.919 46.49	1.660 11.90	1.247 5.972	0.770 1.875	0.459 0.542	0.329 0.244	0.248 0.124			
7.5	125	2.08			3.649 70.41	2.075 17.93	1.558 8.967	0.962 2.802	0.574 0.809	0.412 0.365	0.310 0.185	0.241 0.101		
9.0	150	2.50				2.490 25.11	1.870 12.53	1.154 3.903	0.668 1.124	0.494 0.506	0.372 0.256	0.289 0.140		
10.5	175	2.92				2.904 33.32	2.182 16.66	1.347 5.179	0.803 1.488	0.576 0.670	0.434 0.338	0.337 0.184		
12	200	3.33				3.319 42.75	2.493 21.36	1.539 6.624	0.918 1.901	0.659 0.855	0.496 0.431	0.385 0.234	0.251 0.084	
15	250	4.17				4.149 64.86	3.117 32.32	1.924 10.03	1.147 2.860	0.823 1.282	0.620 0.646	0.481 0.350	0.314 0.126	
18	300	5.00					3.740 45.52	2.309 14.04	1.377 4.009	0.988 1.792	0.744 0.903	0.577 4.488	0.377 0.175	0.263 0.074
24	400	6.67					4.987 78.17	3.078 24.04	1.836 6.828	1.317 3.053	0.992 1.530	0.770 0.829	0.502 0.294	0.351 0.124
30	500	8.33						3.848 36.71	2.295 10.40	1.647 4.622	1.240 2.315	0.962 1.254	0.628 0.445	0.439 0.187
36	600	10.0						4.618 51.84	2.753 14.62	1.976 6.505	1.488 3.261	1.155 1.757	0.753 0.623	0.526 0.260
42	700	11.7							3.212 19.52	2.306 8.693	1.736 4.356	1.347 2.345	0.879 0.831	0.614 0.347
48	800	13.3							3.671 25.20	2.635 11.18	1.984 5.582	1.540 3.009	1.005 1.066	0.702 0.445
54	900	15.0							4.130 31.51	2.964 13.97	2.232 6.983	1.732 3.762	1.130 1.328	0.790 0.555
60	1000	16.7							4.589 38.43	3.294 17.06	2.480 8.521	1.925 4.595	1.256 1.616	0.877 0.674
75	1250	20.8								4.117 26.10	3.100 13.00	2.406 7.010	1.570 2.458	1.097 1.027
90	1500	25.0								4.941 36.97	3.720 18.42	2.887 9.892	1.883 3.468	1.316 1.444
105	1750	29.2									4.340 24.76	3.368 13.30	2.197 4.665	1.535 1.934
120	2000	33.3									4.960 31.94	3.850 17.16	2.511 5.995	1.754 2.496
150	2500	41.7										4.812 26.26	3.139 9.216	2.193 3.807
180	3000	50.0											3.767 13.05	2.632 5.417
240	4000	66.7											5.023 22.72	3.509 8.926
300	5000	83.3												4.386 14.42
90 Bends. Slide Valves			1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	2.0	2.5
T Pieces, non-return Valves			4.0	4.0	4.0	5.0	5.0	5.0	6.0	6.0	6.0	7.0	8.0	9.0

The table is calculated in accordance with. Lang's new formula a = 0.02 and for a water temperature of 100 C.

The head loss in bends, slide valves, T-pieces and non-return valves is equivalent to the metres of straight pipes stated in the last two lines of the table. To find the head loss valves multiply the loss in T-pieces by two.

SUBMERSIBLE MOTORS

Motor	Motor Type	KW	in (A)	Cos 100%	Dimensions (mm²)										
					1.5	2.5	4	6	10	16	25	35	50	70	95
4”	Y	0.37			176	293									
4”	Y	0.55			141	235	377								
4”	Y	0.75	5.80	0.98	110	183	293								
4”	Y	1.1	8.20	0.95	70	117	187	280							
4”	Y	1.5	10.40	0.97	53	89	143	214							
4”	Y	2.2	14.70	0.99	38	63	101	151							

Motor	Motor Type	KW	in (A)	Cos 100%	Dimensions (mm²)										
					1.5	2.5	4	6	10	16	25	35	50	70	95
4”	**Y**	0.37			524										
4”	**Y**	0.55			422										
4”	**Y**	0.75	2.20	0.82	328	547									
4”	**Y**	1.1	3.00	0.83	209	349	558								
4”	**Y**	1.5	4.00	0.82	160	266	427								
4”	**Y**	2.2	5.60	0.82	113	188	302	452							
4”	**Y**	3	7.40	0.83	90	151	241	362							
4”	**Y**	4	9.60	0.82	67	110	179	269	450						
4”	**Y**	5.5	12.60	0.86	50	85	135	195	340	540					
4”	**Y**	7.5	17.00	0.85		64	100	150	255	410					
6”	**Y**	4	10.0	0.78	67	110	179	269	450						
6”	**Y**	5.5	12.7	0.88	50	85	135	195	340	540					
6”	**Y**	7.5	16.5	0.87		64	100	150	255	410					
6”	**Y**	9.2	20.0	0.86		50	81	122	205	325	495				
6”	**Y**	11	23.5	0.90			70	105	177	280	430				
6”	**Y**	13	27.0	0.90				90	153	240	375	515			
6”	**Y**	15	31.0	0.90				78	131	210	320	445			
6”	**Y.Δ**	11	23.5	0.90	39	66	105	156	270	421					
6”	**Y.Δ**	13	27.0	0.90		57	90	135	230	360					
6”	**Y.Δ**	15	31.0	0.90		48	77	116	200	310	475				
6”	**Y.Δ**	18.5	39.5	0.87			63	93	161	251	383	530			
6”	**Y.Δ**	22	48.5	0.82			51	76	129	203	309	428			
6”	**Y.Δ**	26	55.0	0.87			45	68	117	183	279	384			
6”	**Y.Δ**	30	64.0	0.82				60	104	162	248	343	476		
6”	**Y.Δ**	37	76.0	0.86				50	86	132	204	281	392		
8”	**Y.Δ**	22	48.0	0.89			51	76	129	203	309	428			
8”	**Y.Δ**	26	55.0	0.87			45	68	117	183	279	384			
8”	**Y.Δ**	30	63.0	0.86				60	104	162	248	343	476		
8”	**Y.Δ**	37	76.0	0.86				50	86	132	204	281	392		
8”	**Y.Δ**	45	90.0	0.86					73	112	173	239	332	454	
8”	**Y.Δ**	52	101	0.88						99	152	210	292	398	505
8”	**Y.Δ**	55	113	0.89						87	133	185	257	350	445
8”	**Y.Δ**	67	133	0.86							120	167	233	317	403
8”	**Y.Δ**	75	150	0.87							108	149	209	284	359
8”	**Y.Δ**	92	186	0.89								121	169	230	293
8”	**Y.Δ**	110	218	0.89									140	190	242
10”	**Y.Δ**	75	148	0.89							108	149	209	284	359
10”	**Y.Δ**	92	182	0.88								121	169	230	293
10”	**Y.Δ**	110	218	0.88									140	190	242

SUBMERSIBLE MOTORS

TECHNICAL SPECİFİCATIONS

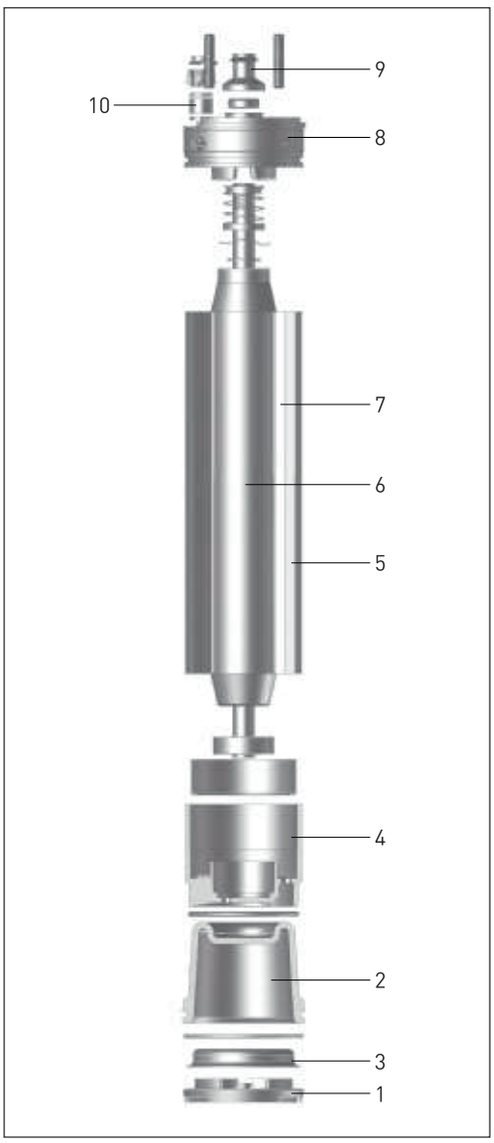
TYPE	D	KW	HP	(D.O.L.)		Star Delta		Ax. Thrust	Start	Length	Weight
				mm^2	n	mm^2	n	kN	Start/h	mm	kg
MJU 4 OC/01-M	4”	0.75	1	3x2	1	-	-	1.5	20	400	10.8
MJU 4 OC/1,5-M	4”	1.1	1.5	3x2	1	-	-	2.5	20	425	11.8
MJU 4 OC/02-M	4”	1.5	2	3x2	1	-	-	2.5	20	455	13.2
MJU 4 OC/03-M	4”	2.2	3	3x2	1	-	-	2.5	20	557	17.9
MJU 4 OC/01-T	4”	0.75	1	3x2	1	-	-	2.5	20	347	9.1
MJU 4 OC/1,5-T	4”	1.1	1.5	3x2	1	-	-	2.5	20	400	10.7
MJU 4 OC/02-T	4”	1.5	2	3x2	1	-	-	2.5	20	420	11.2
MJU 4 OC/03-T	4”	2.2	3	3x2	1	-	-	2.5	20	455	12.8
MJU 4 OC/04-T	4”	3	4	3x2	1	-	-	5	20	515	15.6
MJU 4 OC/5,5-T	4”	4	5.5	3x2	1	-	-	5	20	577	19.6
MJU 4 OC/7,5-T	4”	5.5	7.5	3x2	1	-	-	5	20	682	25.1
MJU 4 OC/10-T	4”	7.5	10	3X2	1	-	-	5	20	720	27.1
MJU 6 OC/07	6”	5.5	7.5	4X4	1	-	-	10	20	640	31.5
MJU 6 OC/10	6”	7.5	10	4X4	1	-	-	10	20	680	33.5
MJU 6 OC/12,5	6”	9	12.5	4X4	1	-	-	10	20	710	36.5
MJU 6 OC/15	6”	11	15	4X4	1	-	-	10	20	750	42.0
MJU 6 OC/17,5	6”	13	17.5	4X4	1	-	-	10	20	780	46.0
MJU 6 OC/20	6”	15	20	4X4	1	-	-	10	20	820	52.0
MJU 6 OC/25	6”	18.5	25	4X4	1	-	-	10	20	890	59.0
MJU 6 OC/30	6”	22	30	4X4	1	-	-	10	20	960	67.0

SUBMERSIBLE MOTORS

TİP/TYPE	D	KW	HP	(D.O.L.)		Star Delta		Ax. Thrust	Start	Length	Weight
				mm^2	n	mm^2	n	kN	Start/h	mm	kg
MJU 6 WC /05	6”	4	5.5	3x2.5	1	3x2.5	2	35	20	595	45.0
MJU 6 WC /07	6”	5.5	7.5	3x2.5	1	3x2.5	2	35	20	595	45.0
MJU 6 WC /10	6”	7.5	10	3x2.5	1	3x2.5	2	35	20	635	49.5
MJU 6 WC /12,5	6”	9	12.5	3x2.5	1	3x2.5	2	35	20	675	54 0
MJU 6 WC /15	6”	11	15	3x4	1	3x2.5	2	35	20	725	59.5
MJU 6 WC /17,5	6”	13	17.5	3x4	1	3x2.5	2	35	20	775	66.5
MJU 6 WC /20	6”	15	20	3x6	1	3x2.5	2	35	20	825	71.5
MJU 6 WC /25	6”	18.5	25	3x6	1	3x4	2	35	20	905	80.0
MJU 6 WC /30	6”	22	30	3x6	1	3x4	2	35	20	985	86.5
MJU 6 WC /35	6”	26	35	3x10	1	3x4	2	35	20	1075	97.5
MJU 6 WC /40	6”	30	40	3x10	1	3x6	2	35	20	1155	106.0
MJU 6 WC /50	6”	37	50	3x16	1	3x6	2	35	20	1335	123.0
MJU 6 WC /60	6”	45	60	3x16	1	3x6	2	35	20	1385	130.0
MJU 7 WC /30	7”	22	30	3x10	1	3x6	2	45	17	980	99.5
MJU 7 WC /35	7”	26.5	35	3x10	1	3x6	2	45	17	1030	104.5
MJU 7 WC /40	7”	30	40	3x10	1	3x6	2	45	17	1070	111
MJU 7 WC /50	7”	37	50	3x10	1	3x6	2	45	17	1150	122
MJU 7 WC /60	7”	45	60	3x16	1	3x6	2	45	17	1230	136
MJU 7 WC /70	7”	52	70	3x16	1	3x6	2	45	17	1310	147.5
MJU 7 WC /75	7”	55	75	3x16	1	3x10	2	45	17	1350	152
MJU 7 WC /80	7”	59	80	3x16	1	3x10	2	45	17	1390	156
MJU 8 WC /30	8”	22	30	3x10	1	3x6	2	60	15	820	107.0
MJU 8 WC /40	8”	30	40	3x10	1	3x6	2	60	15	900	123.0
MJU 8 WC /50	8”	37	50	3x10	1	3x10	2	60	15	980	142.0
MJU 8 WC /60	8”	45	60	3x16	1	3x10	2	60	15	1050	155.0
MJU 8 WC /70	8”	52	70	3x16	1	3x10	2	60	15	1120	168.0
MJU 8 WC /75	8”	55	75	3x16	1	3x10	2	60	15	1155	175.0
MJU 8 WC /80	8”	60	80	3x16	1	3x10	2	60	15	1190	181.0
MJU 8 WC /85	8”	63	85	3x16	1	3x10	2	60	15	1240	192.0
MJU 8 WC /90	8”	66	90	3x25	1	3x16	2	60	15	1290	202.0
MJU 8 WC /95	8”	70	95	3x25	1	3x16	2	60	15	1340	211.0
MJU 8 WC /100	8”	75	100	3x25	1	3x16	2	60	15	1390	221.0
MJU 8 WC /110	8”	81	110	3x25	1	3x16	2	60	15	1460	236.0
MJU 8 WC /125	8”	92	125	3x35	1	3x25	2	60	15	1550	256.0
MJU 8 WC /150	8”	110	150	3x35	1	3x25	2	60	15	1615	269.0
MJU 10 WC /100	10”	75	100	3x35	1	3x25	2	75	10	1230	294.0
MJU 10 WC /110	10”	81	110	3x35	1	3x25	2	75	10	1290	308.0
MJU 10 WC /125	10”	92	125	3x35	1	3x25	2	75	10	1360	325.0
MJU 10 WC /150	10”	110	150	3x35	1	3x25	2	75	10	1490	356.0
MJU 10 WC /180	10”	130	180	3x50	1	3x25	2	75	10	1650	395.0
MJU 10 WC /200	10”	150	200	3x50	1	3x35	2	75	10	1750	418.0
MJU 10 WC /230	10”	170	230	3x70	1	3X35	2	75	10	1910	457.0
MJU 10 WC /250	10”	185	250	3X70	1	3x50	2	75	10	2010	480.0

MJU 4 OC SERIES

4" SUBMERSIBLE MOTORS COMPONENTS



Sıra No	Kod / Code	Product	Malzeme / Material
1	YMC0950203	Lower Cover	ABS
2	B2101001	Membrane	Rubber
3	YMC0950201	Membrane Sheet	Stainless Steel Nicel
4	YMC0950100	Bearing Housing	Aluminium
5	YMC9511701	Motor Housing	AISI 304 (316 Optional)
6	YMC0951100	Rotor	Si Sheet
7	YMC0953403	Stator	Si Sheet
8	YMC0952300	Upper Cover	Stainless Steel Casting
9	B0803004	Sand Guard	Rubber
10	B1507001	Cable Holder	Rubber

4" SUBMERSIBLE MOTORS 50HZ

220 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	220	5.80	2800	41	51	58	0.96	0.98	0.98	1500	20	35°C
1.1	1.5	220	8.20	2810	49	59	65	0.88	0.90	0.95	2500	20	35°C
1.5	2	220	10.40	2815	51	61	66	0.91	0.96	0.97	2500	20	35°C
2.2	3	220	14.80	2820	52	61	66	0.94	0.97	0.99	2500	20	35°C

230 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	230	5.90	2820	40	50	57	0.93	0.96	0.97	1500	20	35°C
1.1	1.5	230	8.60	2825	47	58	63	0.77	0.86	0.90	2500	20	35°C
1.5	2	230	10.60	2820	47	58	65	0.81	0.90	0.93	2500	20	35°C
2.2	3	230	14.60	2830	50	60	66	0.87	0.93	0.97	2500	20	35°C

380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	380	2.20	2810	52	58	60	0.69	0.79	0.82	1500	20	35°C
1.1	1.5	380	3.00	2800	62	67	69	0.66	0.70	0.83	2500	20	35°C
1.5	2	380	4.00	2800	63	68	71	0.62	0.75	0.82	2500	20	35°C
2.2	3	380	5.70	2800	69	72	73	0.60	0.74	0.82	2500	20	35°C
3	4	380	7.50	2800	72	75	76	0.60	0.74	0.83	5000	20	35°C
4	5.5	380	9.70	2830	75	77	78	0.61	0.74	0.82	5000	20	35°C
5.5	7.5	380	12.60	2840	77	78	79	0.64	0.77	0.86	5000	20	35°C
7.5	10	380	17.50	2840	75	78	79	0.65	0.78	0.85	5000	20	35°C

400 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	400	2.20	2835	53	59	61	0.62	0.74	0.78	1500	20	35°C
1.1	1.5	400	3.00	2830	62	67	70	0.58	0.70	0.79	2500	20	35°C
1.5	2	400	4.10	2820	64	70	71	0.52	0.68	0.76	2500	20	35°C
2.2	3	400	5.80	2820	67	72	73	0.52	0.66	0.76	2500	20	35°C
3	4	400	7.60	2810	71	75	76	0.51	0.66	0.78	5000	20	35°C
4	5.5	400	9.80	2830	75	77	78	0.52	0.67	0.77	5000	20	35°C
5.5	7.5	400	12.50	2845	76	78	79	0.56	0.70	0.82	5000	20	35°C
7.5	10	400	16.90	2850	73	75	78	0.62	0.77	0.81	5000	20	35°C

415 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	415	2.25	2850	51	59	61	0.58	0.70	0.74	1500	20	35°C
1.1	1.5	415	3.00	2840	61	67	69	0.53	0.66	0.75	2500	20	35°C
1.5	2	415	4.30	2840	61	68	70	0.48	0.62	0.71	2500	20	35°C
2.2	3	415	6.00	2835	65	70	72	0.46	0.60	0.71	2500	20	35°C
3	4	415	7.90	2820	69	74	75	0.45	0.60	0.72	5000	20	35°C
4	5.5	415	10.30	2835	73	76	78	0.47	0.62	0.71	5000	20	35°C
5.5	7.5	415	12.80	2850	72	77	78	0.50	0.64	0.78	5000	20	35°C
7.5	10	415	17.30	2850	70	72	76	0.60	0.75	0.79	5000	20	35°C

4" SUBMERSIBLE MOTORS 60HZ

1*220 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	220	6.5	3475	40	48	55	0.91	0.96	0.97	1500	20	35°C
1.1	1.5	220	8.8	3440	43	54	60	0.93	0.95	0.96	2500	20	35°C
1.5	2	220	11.4	3445	49	58	64	0.91	0.95	0.97	2500	20	35°C
2.2	3	220	16.5	3450	48	59	64	0.95	0.96	0.97	2500	20	35°C

3*220 V

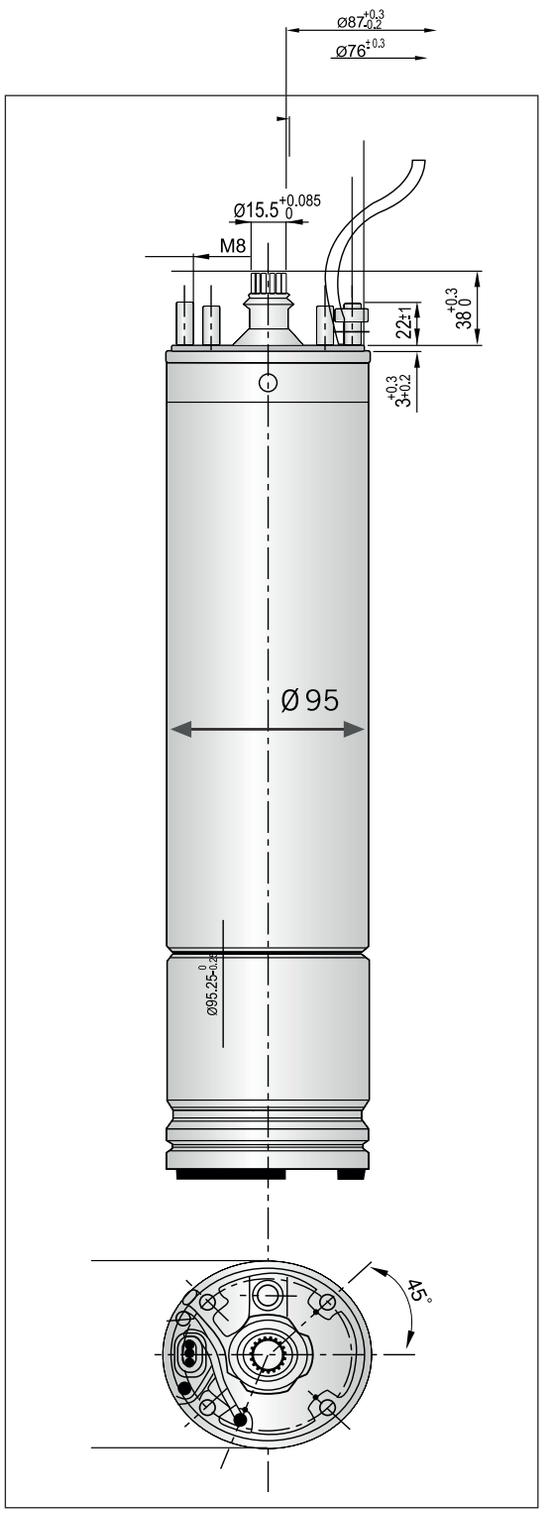
KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	220	4.5	3490	47	53	61	0.63	0.71	0.78	1500	20	35°C
1.1	1.5	220	5.8	3450	57	65	68	0.66	0.75	0.81	2500	20	35°C
1.5	2	220	7.3	3460	65	71	72	0.60	0.71	0.80	2500	20	35°C
2.2	3	220	10.5	3440	64	67	73	0.60	0.71	0.81	2500	20	35°C
3	4	220	13.8	3420	69	72	75	0.62	0.74	0.81	2500	20	35°C
4	5.5	220	17.5	3465	70	75	77	0.61	0.73	0.82	5000	20	35°C
5.5	7.5	220	23.2	3460	73	78	79	0.64	0.77	0.83	5000	20	35°C
7.5	10	220	30.8	3455	75	78	80	0.64	0.76	0.82	5000	20	35°C

3*380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
0.75	1	380	2.6	3500	50	57	62	0.56	0.63	0.73	1500	20	35°C
1.1	1.5	380	3.2	3465	65	67	71	0.56	0.68	0.75	2500	20	35°C
1.5	2	380	4.5	3460	62	65	72	0.54	0.67	0.75	2500	20	35°C
2.2	3	380	6.4	3460	66	72	74	0.53	0.63	0.73	2500	20	35°C
3	4	380	8.5	3470	70	74	77	0.52	0.61	0.72	2500	20	35°C
4	5.5	380	10.4	3480	74	78	81	0.53	0.66	0.76	5000	20	35°C
5.5	7.5	380	13,7	3490	74	79	81	0.56	0.70	0.77	5000	20	35°C
7.5	10	380	18.5	3460	72	77	82	0.58	0.75	0.83	5000	20	35°C

MJU 4 OC SERIES

MOTOR DİMENSIONS

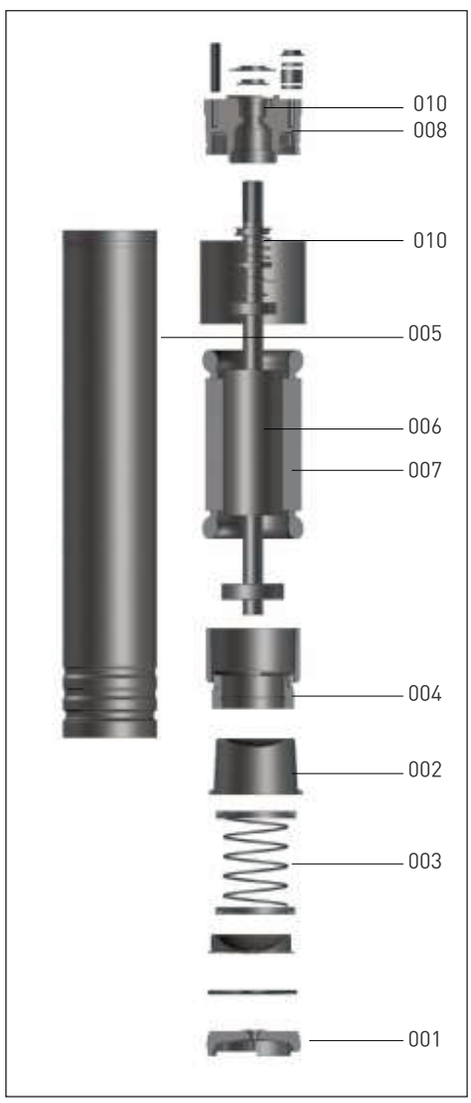


Motor Type	Resistance Values ± %5 (25) Single Phase 220/230V - 50 HZ	
	Ω (main)	Ω (Start)
MJU 4 OC /01-M	3.6	10
MJU 4 OC /1,5-M	2.6	6.4
MJU 4 OC /2.0-M	2.2	5.5
MJU 4 OC /3.0-M	1.4	3.2

Motor Type	Resistance Values ± %5 (25) Single Phase 380V - 50 HZ
MJU 4 OC /1,5-T	14.8
MJU 4 OC /2.0-T	10.6
MJU 4 OC /3.0-T	7.4
MJU 4 OC /4.0-T	4.4
MJU 4 OC /5,5-T	3.4
MJU 4 OC /7,5-T	2.8

MJU 6 OC SERIES

6" OILFILLED SUBMERSIBLE MOTORS SPARE PARTS



PRODUCT	MATERIAL	
Lower Cover	ABS	001
Membrane	Rubber	002
Membrane Spring	304 Stainless Steel	003
Bearing Housing	Cast Iron	004
Stator	Si Sheet	007
Rotor	Si Sheet	006
Motor Housing	304 Stainless Steel	005
Mechanical Seal	Mechanical Seal	010
Upper Cover	Cast Iron	008
Sand Guard	Rubber	009

MJU 6 OC SERIES

380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
5.5	7.5	380	13.0	2830	60	71	76	0.82	0.83	0.87	10000	20	35°C
7.5	10	380	17.0	2840	78	80	81	0.80	0.87	0.87	10000	20	35°C
9	12.5	380	21.0	2825	83	84	82	0.82	0.84	0.88	10000	20	35°C
11	15	380	24.0	2855	73	79	81	0.84	0.86	0.88	10000	20	35°C
13	17.5	380	27.0	2850	84	85	84	0.82	0.88	0.89	10000	20	35°C
15	20	380	31.5	2820	83	83	84	0.82	0.84	0.86	10000	20	35°C
18.5	25	380	38.0	2850	83	83	84	0.78	0.85	0.89	10000	20	35°C
22	30	380	46.0	2890	82	86	88	0.75	0.84	0.88	10000	20	35°C

400 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
5.5	7.5	400	12.5	2855	67	74	76	0.83	0.84	0.89	10000	20	35°C
7.5	10	400	16.0	2850	80	81	81	0.74	0.83	0.88	10000	20	35°C
9	12.5	400	20.0	2855	79	84	84	0.79	0.85	0.86	10000	20	35°C
11	15	400	23.0	2860	79	83	83	0.77	0.84	0.88	10000	20	35°C
13	17.5	400	26.5	2870	81	85	86	0.78	0.85	0.88	10000	20	35°C
15	20	400	30.0	2850	84	86	86	0.80	0.85	0.87	10000	20	35°C
18.5	25	400	37.0	2895	83	84	86	0.72	0.82	0.86	10000	20	35°C
22	30	400	45.5	2895	86	89	89	0.65	0.77	0.84	10000	20	35°C

415 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
5.5	7.5	415	12.0	2845	75	79	79	0.75	0.83	0.88	10000	20	35°C
7.5	10	415	16.0	2850	77	81	82	0.69	0.80	0.85	10000	20	35°C
9	12.5	415	20.0	2860	71	79	81	0.76	0.84	0.87	10000	20	35°C
11	15	415	23.0	2870	79	83	84	0.71	0.81	0.86	10000	20	35°C
13	17.5	415	26.0	2880	74	81	85	0.75	0.82	0.85	10000	20	35°C
15	20	415	29.0	2900	86	87	88	0.81	0.88	0.88	10000	20	35°C
18.5	25	415	36.5	2890	82	85	85	0.66	0.77	0.85	10000	20	35°C
22	30	415	46.0	2900	84	88	89	0.60	0.73	0.80	10000	20	35°C

MJU 6 OC SERIES

3*220 V

KW	HP	V	In [A]	Rpm [min -1]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
5.5	7.5	220	22.5	3440	71	74	75	0.83	0.85	0.86	10000	20	35°C
7.5	10	220	28.0	3440	73	77	79	0.84	0.85	0.85	10000	20	35°C
9	12.5	220	33.5	3450	76	77	80	0.82	0.84	0.86	10000	20	35°C
11	15	220	38.0	3440	75	78	81	0.85	0.87	0.88	10000	20	35°C
13	17.5	220	44.5	3450	78	80	82	0.84	0.86	0.87	10000	20	35°C
15	20	220	52.0	3445	78	81	83	0.85	0.88	0.89	10000	20	35°C
18.5	25	220	64.5	3455	79	83	84	0.84	0.84	0.86	10000	20	35°C
22	30	220	76.5	3450	80	82	84	0.84	0.86	0.87	10000	20	35°C

3*380 V

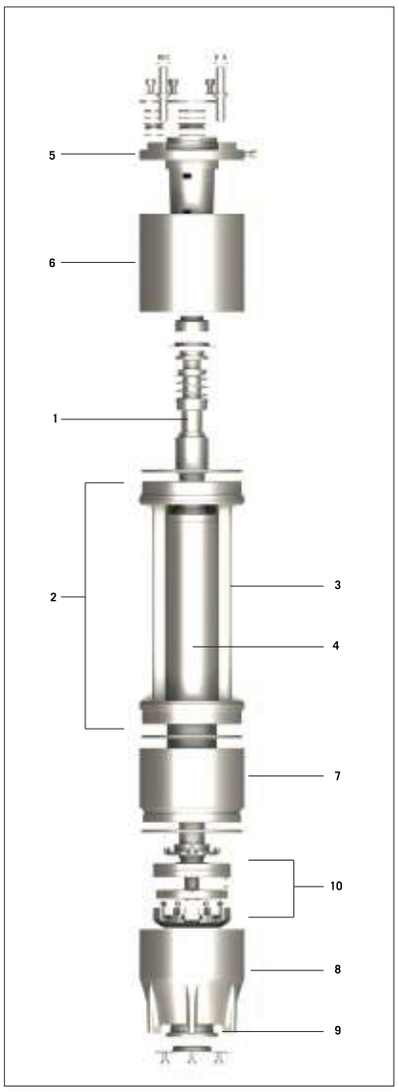
KW	HP	V	In [A]	Rpm [min -1]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
5.5	7.5	380	13.6	3440	72	74	75	0.84	0.84	0.85	10000	20	35°C
7.5	10	380	17.5	3450	63	71	78	0.82	0.84	0.86	10000	20	35°C
9	12.5	380	20.5	3440	70	76	79	0.85	0.85	0.86	10000	20	35°C
11	15	380	24.6	3450	80	81	80	0.87	0.87	0.87	10000	20	35°C
13	17.5	380	27.0	3445	80	82	82	0.86	0.87	0.88	10000	20	35°C
15	20	380	30.5	3450	77	81	83	0.87	0.87	0.88	10000	20	35°C
18.5	25	380	38.0	3455	78	83	84	0.86	0.88	0.89	10000	20	35°C
22	30	380	44.5	3450	79	82	84	0.85	0.87	0.89	10000	20	35°C

3*460 V

KW	HP	V	In [A]	Rpm [min -1]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
5.5	7.5	460	11.0	3440	71	74	76	0.83	0.84	0.84	10000	20	35°C
7.5	10	460	14.5	3445	71	75	77	0.85	0.85	0.85	10000	20	35°C
9	12.5	460	18.5	3440	72	75	78	0.82	0.82	0.83	10000	20	35°C
11	15	460	20.0	3440	71	76	79	0.82	0.84	0.84	10000	20	35°C
13	17.5	460	24.0	3440	74	78	80	0.86	0.88	0.89	10000	20	35°C
15	20	460	26.5	3450	77	80	81	0.86	0.87	0.88	10000	20	35°C
18.5	25	460	32.5	3440	76	80	81	0.86	0.86	0.88	10000	20	35°C
22	30	460	38.5	3440	77	81	83	0.84	0.85	0.86	10000	20	35°C

MJU 6 WC SERIES

6" SUBMERSIBLE MOTORS COMPONENTS



No	Kod / Code	Component	Material	Standard
1	YMC0951105	Shaft	Stainless Steel	1.4301
2		Motor Housing	Stainless Steel	1.4301
3	YMC1453400	Stator	Si Sheet	
4	YMC1451100	Rotor	Si Sheet	
5	YMC1452300	Upper Cover	Cast Iron	GG25
6	YMC1451800	Upper Support Cover	Cast Iron	GG25
7	YMC1450900	Lower Support Cover	Cast Iron	GG25
8	YMC1450100	Lower Cover	Cast Iron	GG25
9	B2101002	Membrane	Rubber	NITRILE RUBBER
10	YMC1450500	Thrust Bearing	Brass+St. St+Graphite	

MJU 6 WC SERIES 50HZ

380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
4	5.5	380	10.3	2870	65	73	5	0.62	0.70	0.77	35000	20	30°C
5.5	7.5	380	13.5	2860	67	76	76	0.70	0.77	0.84	35000	20	30°C
7.5	10	380	17.2	2880	73	79	81	0.64	0.74	0.81	35000	20	30°C
9	12.5	380	21.0	2870	77	80	81	0.64	0.75	0.82	35000	20	30°C
11	15	380	24.0	2875	81	84	84	0.72	0.81	0.86	35000	20	30°C
13	17.5	380	28.5	2875	80	83	83	0.72	0.82	0.86	35000	20	30°C
15	20	380	32.0	2880	81	84	85	0.70	0.79	0.85	35000	20	30°C
18.5	25	380	41.0	2890	82	85	85	0.67	0.77	0.83	35000	20	30°C
22	30	380	49.0	2880	82	86	86	0.67	0.77	0.83	35000	20	30°C
26	35	380	56.0	2885	84	86	86	0.70	0.79	0.84	35000	20	30°C
30	40	380	65.0	2895	83	86	86	0.72	0.74	0.82	35000	20	30°C
37	50	380	76.0	2890	86	87	87	0.74	0.83	0.88	35000	20	30°C
45	60	380	91.0	2860	85	86	85	0.72	0.82	0.87	35000	20	30°C

400 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
4	5.5	400	10.2	2875	68	73	75	0.61	0.68	0.76	35000	20	30°C
5.5	7.5	400	13.3	2860	70	73	76	0.62	0.75	0.82	35000	20	30°C
7.5	10	400	17.5	2890	70	76	79	0.59	0.69	0.77	35000	20	30°C
9	12.5	400	20.8	2885	76	81	81	0.59	0.69	0.77	35000	20	30°C
11	15	400	23.5	2880	76	82	83	0.69	0.78	0.83	35000	20	30°C
13	17.5	400	27.5	2890	81	84	84	0.68	0.78	0.84	35000	20	30°C
15	20	400	31.5	2885	79	82	83	0.65	0.76	0.82	35000	20	30°C
18.5	25	400	40.0	2890	81	85	85	0.61	0.72	0.79	35000	20	30°C
22	30	400	48.5	2895	82	85	86	0.64	0.74	0.80	35000	20	30°C
26	35	400	54.0	2900	82	85	85	0.65	0.73	0.82	35000	20	30°C
30	40	400	64.5	2895	83	86	86	0.71	0.70	0.82	35000	20	30°C
37	50	400	75.0	2900	83	86	86	0.71	0.80	0.86	35000	20	30°C
45	60	400	88.0	2880	84	86	87	0.70	0.79	0.84	35000	20	30°C

415 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
4	5.5	415	10.0	2880	64	71	75	0.60	0.64	0.74	35000	20	30°C
5.5	7.5	415	13.0	2870	68	75	76	0.57	0.69	0.77	35000	20	30°C
7.5	10	415	17.6	2890	70	75	78	0.54	0.63	0.75	35000	20	30°C
9	12.5	415	21.3	2880	73	78	80	0.52	0.65	0.74	35000	20	30°C
11	15	415	23.3	2890	79	82	82	0.61	0.73	0.81	35000	20	30°C
13	17.5	415	26.0	2890	80	83	84	0.63	0.74	0.80	35000	20	30°C
15	20	415	31.5	2890	81	83	84	0.60	0.72	0.79	35000	20	30°C
18.5	25	415	40.0	2900	80	84	86	0.67	0.75	0.77	35000	20	30°C
22	30	415	48.5	2900	81	85	86	0.62	0.70	0.78	35000	20	30°C
26	35	415	53.0	2905	81	84	85	0.60	0.73	0.80	35000	20	30°C
30	40	415	65.0	2910	80	83	86	0.65	0.68	0.76	35000	20	30°C
37	50	415	75.0	2905	84	86	86	0.74	0.78	0.84	35000	20	30°C
45	60	415	86.0	2900	84	86	87	0.68	0.74	0.82	35000	20	30°C

MJU 6 WC SERIES 60HZ

3*220 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
4	5.5	220	17.6	3450	72	75	76	0.64	0.74	0.80	35000	20	30°C
5.5	7.5	220	23.4	3455	76	77	78	0.64	0.73	0.81	35000	20	30°C
7.5	10	220	31.0	3460	73	78	79	0.76	0.82	0.85	35000	20	30°C
9	12.5	220	38.8	3455	78	80	81	0.68	0.78	0.83	35000	20	30°C
11	15	220	46.5	3470	78	81	83	0.79	0.85	0.88	35000	20	30°C
13	17.5	220	54.3	3450	81	83	83	0.69	0.79	0.85	35000	20	30°C
15	20	220	62.0	3455	80	84	85	0.79	0.84	0.88	35000	20	30°C
18.5	25	220	77.5	3470	80	82	84	0.79	0.85	0.88	35000	20	30°C
22	30	220	93.0	3470	83	87	87	0.78	0.86	0.89	35000	20	30°C
26	35	220	108.5	3455	83	85	86	0.72	0.83	0.87	35000	20	30°C
30	40	220	124.0	3465	86	88	89	0.78	0.84	0.88	35000	20	30°C
37	50	220	155.0	3470	88	89	88	0.81	0.87	0.89	35000	20	30°C
45	60	220	188.0	3460	88	87	88	0.85	0.86	0.87	35000	20	30°C

3*380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
4	5.5	380	9.5	3455	68	74	77	0.69	0.71	0.79	35000	20	30°C
5.5	7.5	380	12.4	3460	71	76	78	0.74	0.83	0.87	35000	20	30°C
7.5	10	380	16.5	3470	74	79	81	0.77	0.82	0.85	35000	20	30°C
9	12.5	380	20.0	3460	79	81	83	0.70	0.80	0.86	35000	20	30°C
11	15	380	24.0	3450	78	82	82	0.79	0.84	0.88	35000	20	30°C
13	17.5	380	28.2	3455	82	84	84	0.79	0.87	0.87	35000	20	30°C
15	20	380	32.0	3460	82	85	85	0.79	0.85	0.88	35000	20	30°C
18.5	25	380	40.0	3465	84	87	87	0.77	0.84	0.87	35000	20	30°C
22	30	380	48.5	3470	81	84	85	0.79	0.86	0.89	35000	20	30°C
26	35	380	56.0	3460	86	87	88	0.73	0.77	0.87	35000	20	30°C
30	40	380	64.0	3475	88	89	90	0.78	0.84	0.87	35000	20	30°C
37	50	380	80.0	3470	87	88	89	0.80	0.86	0.88	35000	20	30°C
45	60	380	96.0	3465	87	88	88	0.85	0.86	0.86	35000	20	30°C

3*460 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
4	5.5	460	8.3	3470	67	71	74	0.68	0.79	0.84	35000	20	30°C
5.5	7.5	460	10.8	3475	66	73	75	0.70	0.80	0.85	35000	20	30°C
7.5	10	460	14.0	3460	72	74	77	0.72	0.79	0.85	35000	20	30°C
9	12.5	460	17.5	3465	73	77	79	0.70	0.78	0.84	35000	20	30°C
11	15	460	21.0	3470	74	77	81	0.69	0.79	0.86	35000	20	30°C
13	17.5	460	24.2	3470	77	77	80	0.71	0.78	0.84	35000	20	30°C
15	20	460	26.5	3475	76	79	82	0.71	0.81	0.85	35000	20	30°C
18.5	25	460	33.0	3465	77	81	83	0.72	0.81	0.86	35000	20	30°C
22	30	460	38.0	3470	81	83	85	0.73	0.82	0.86	35000	20	30°C
26	35	460	45.0	3470	80	83	84	0.70	0.80	0.85	35000	20	30°C
30	40	460	51.4	3480	73	82	85	0.74	0.82	085	35000	20	30°C
37	50	460	61.5	3465	84	85	86	0.77	0.87	0.87	35000	20	30°C
45	60	460	73.0	3460	83	84	87	0.78	0.84	0.86	35000	20	30°C

MJU 7 WC SERIES 50HZ

380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	380	47	2885	80	81	82	0,71	0,81	0,84	45	15	35°C
26.5	35	380	55	2880	80	81	81	0,70	0,82	0,85	45	15	35°C
30	40	380	65	2890	81	82	82	0,69	0,80	0,84	45	15	35°C
37	50	380	75	2895	80	81	82	0,80	0,82	0,86	45	15	35°C
45	60	380	90	2890	80	80	81	0,79	0,83	0,86	45	15	35°C
52	70	380	104	2885	81	81	82	0,79	0,85	0,88	45	15	35°C
55	75	380	110	2895	80	80	81	0,78	0,84	0,87	45	15	35°C
60	80	380	128	2890	80	81	82	0,77	0,88	0,88	45	15	35°C

400 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	400	46	2885	84	86	86	0,70	0,80	0,83	45	15	35°C
26.5	35	400	53	2885	83	86	86	0,73	0,81	0,84	45	15	35°C
30	40	400	62	2890	85	87	88	0,72	0,81	0,82	45	15	35°C
37	50	400	73	2895	86	87	87	0,69	0,80	0,83	45	15	35°C
45	60	400	89	2895	85	88	88	0,74	0,81	0,83	45	15	35°C
52	70	400	102	2890	85	87	88	0,73	0,84	0,84	45	15	35°C
55	75	400	108	2900	84	86	87	0,73	0,84	0,84	45	15	35°C
60	85	400	127	2890	85	87	88	0,71	0,85	0,85	45	15	35°C

415 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	415	44	2890	86	87	87	0,74	0,80	0,83	45	15	35°C
26.5	35	415	52	2890	85	86	86	0,77	0,82	0,84	45	15	35°C
30	40	415	60	2895	84	86	87	0,77	0,80	0,81	45	15	35°C
37	50	415	72	2900	84	87	88	0,79	0,81	0,83	45	15	35°C
45	60	415	87	2895	85	88	88	0,75	0,80	0,82	45	15	35°C
52	70	415	101	2890	84	88	89	0,76	0,79	0,83	45	15	35°C
55	75	415	107	2905	85	87	88	0,74	0,81	0,83	45	15	35°C
60	85	415	124	2895	86	88	89	0,74	0,82	0,84	45	15	35°C

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3*380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	400	46,5	3480	84	84	86	0,81	0,82	0,86	45	15	35°C
26.5	35	400	54	3485	84	86	86	0,81	0,81	0,85	45	15	35°C
30	40	400	63	3475	83	85	85	0,82	0,84	0,87	45	15	35°C
37	50	400	74	3480	86	86	87	0,83	0,85	0,88	45	15	35°C
45	60	400	88	3490	83	85	85	0,82	0,85	0,88	45	15	35°C
52	70	400	104	3485	84	84	86	0,81	0,84	0,87	45	15	35°C
55	75	400	108	3480	85	86	87	0,81	0,84	0,86	45	15	35°C
60	85	400	125	3485	86	86	87	0,82	0,85	0,88	45	15	35°C

3*460 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	415	42	3490	81	84	86	0,72	0,80	0,84	45	15	35°C
26.5	35	415	50	3495	82	84	85	0,71	0,79	0,83	45	15	35°C
30	40	415	58	3495	81	82	84	0,73	0,80	0,84	45	15	35°C
37	50	415	68	3500	83	85	86	0,72	0,81	0,84	45	15	35°C
45	60	415	62	3490	84	84	86	0,71	0,80	0,83	45	15	35°C
52	70	415	96	3490	83	85	85	0,70	0,79	0,82	45	15	35°C
55	75	415	99	3495	82	84	86	0,71	0,79	0,82	45	15	35°C
60	85	415	118	3490	85	86	87	0,73	0,81	0,83	45	15	35°C

MJU 8 WC SERIES 50HZ

380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	380	48.0	2875	78	81	85	0.76	0.81	0.84	60000	15	45°C
30	40	380	63.0	2870	78	82	86	0.76	0.82	0.84	60000	15	45°C
37	50	380	78.0	2870	79	83	85	0.77	0.83	0.85	60000	15	45°C
45	60	380	91.0	2880	80	84	86	0.78	0.84	0.86	60000	15	45°C
52	70	380	103.0	2875	82	87	88	0.79	0.84	0.86	60000	15	45°C
55	75	380	111.0	2900	84	87	89	0.80	0.84	0.86	60000	15	45°C
60	80	380	119.0	2890	84	88	89	0.75	0.81	0.85	60000	15	45°C
63	85	380	128.0	2900	86	89	89	0.77	0.84	0.86	60000	15	45°C
67	90	380	132.0	2895	86	87	88	0.78	0.83	0.87	60000	15	45°C
75	100	380	150.0	2900	87	89	89	0.78	0.84	0.86	60000	15	45°C
81	110	380	166.0	2905	87	90	90	0.80	0.85	0.87	60000	15	45°C
92	125	380	184.0	2900	88	90	91	0.75	0.82	0.85	60000	15	45°C
110	150	380	216.0	2890	90	91	91	0.86	0.88	0.88	60000	15	45°C

400 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	400	47.0	2880	75	80	85	0.69	0.78	0.82	60000	15	45°C
30	40	400	62.0	2875	77	81	86	0.71	0.79	0.83	60000	15	45°C
37	50	400	76.0	2900	76	82	85	0.72	0.79	0.83	60000	15	45°C
45	60	400	89.0	2890	80	84	87	0.74	0.81	0.84	60000	15	45°C
52	70	400	101.0	2875	82	87	88	0.74	0.81	0.85	60000	15	45°C
55	75	400	109.0	2905	84	87	88	0.75	0.82	0.85	60000	15	45°C
60	80	400	118.0	2895	83	88	89	0.69	0.77	0.82	60000	15	45°C
63	85	400	125.0	2900	85	89	90	0.72	0.80	0.84	60000	15	45°C
67	90	400	131.0	2895	86	90	90	0.72	0.79	0.84	60000	15	45°C
75	100	400	148.0	2905	86	89	90	0.73	0.80	0.84	60000	15	45°C
81	110	400	163.0	2910	86	89	90	0.76	0.82	0.86	60000	15	45°C
92	125	400	180.0	2905	87	90	91	0.69	0.78	0.82	60000	15	45°C
110	150	400	212.0	2890	90	90	81	0.84	0.85	0.88	60000	15	45°C

415 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	415	47.0	2885	75	81	84	0.65	0.74	0.80	60000	15	45°C
30	40	415	61.0	2880	77	82	84	0.64	0.73	0.80	60000	15	45°C
37	50	415	76.0	2905	77	81	85	0.66	0.75	0.80	60000	15	45°C
45	60	415	80.0	2910	79	84	87	0.68	0.76	0.81	60000	15	45°C
52	70	415	100.0	2900	82	86	89	0.69	0.78	0.82	60000	15	45°C
55	75	415	108.0	2910	83	87	88	0.70	0.76	0.83	60000	15	45°C
60	80	415	118.0	2900	83	88	89	0.63	0.73	0.79	60000	15	45°C
63	85	415	124.0	2910	85	87	90	0.66	0.76	0.81	60000	15	45°C
67	90	415	130.0	2900	85	88	89	0.67	0.75	0.82	60000	15	45°C
75	100	415	147.0	2910	86	90	91	0.67	0.76	0.81	60000	15	45°C
81	110	415	161.0	2910	85	88	89	0.71	0.79	0.84	60000	15	45°C
92	125	415	178.0	2910	87	89	90	0.63	0.74	0.80	60000	15	45°C
110	150	415	208.0	2900	90	91	91	0.87	0.82	0.88	60000	15	45°C

MJU 8 WC SERIES 60HZ

3*380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	380	48	3485	82	85	85	0.79	0.85	0.87	60000	15	45°C
30	40	380	66	3480	83	85	86	0.80	0.86	0.88	60000	15	45°C
37	50	380	79	3485	82	85	86	0.75	0.82	0.86	60000	15	45°C
45	60	380	96	3485	83	86	87	0.73	0.81	0.86	60000	15	45°C
52	70	380	112	3495	82	87	87	0.74	0.83	0.87	60000	15	45°C
55	75	380	120	3485	83	87	88	0.77	0.84	0.87	60000	15	45°C
60	80	380	127	3490	84	87	88	0.76	0.84	0.89	60000	15	45°C
63	85	380	135	3485	82	86	86	0.77	0.85	0.88	60000	15	45°C
67	90	380	144	3490	83	86	87	0.73	0.82	0.86	60000	15	45°C
75	100	380	158	3490	84	87	88	0.78	0.85	0.87	60000	15	45°C
81	110	380	172	3500	85	87	89	0.75	0.83	0.88	60000	15	45°C
92	125	380	198	3495	84	86	88	0.78	0.84	0.86	60000	15	45°C
110	150	380	218	3490	85	88	89	0.79	0.85	0.87	60000	15	45°C

3*460 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
22	30	460	43	3490	75	79	81	0.73	0.80	0.84	60000	15	45°C
30	40	460	55	3485	80	82	83	0.70	0.79	0.84	60000	15	45°C
37	50	460	64	3490	82	83	85	0.71	0.81	0.85	60000	15	45°C
45	60	460	76	3490	82	85	85	0.72	0.82	0.86	60000	15	45°C
52	70	460	88	3500	83	85	86	0.69	0.80	0.86	60000	15	45°C
55	75	460	94	3500	83	86	86	0.70	0.82	0.87	60000	15	45°C
60	80	460	103	3510	83	85	87	0.69	0.81	0.85	60000	15	45°C
63	85	460	109	3505	82	85	87	0.70	0.83	0.86	60000	15	45°C
67	90	460	115	3500	82	85	86	0.71	0.84	0.87	60000	15	45°C
75	100	460	125	3510	83	86	87	0.68	0.79	0.86	60000	15	45°C
81	110	460	136	3505	84	86	88	0.69	0.80	0.87	60000	15	45°C
92	125	460	154	3510	85	86	88	0.71	0.83	0.88	60000	15	45°C
110	150	460	190	3500	86	87	88	0.73	0.84	0.88	60000	15	45°C

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380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
75	100	380	149.0	2900	86	88	88	0.76	0.82	0.86	75000	10	45°C
92	125	380	186.0	2905	82	86	89	0.79	0.84	0.85	75000	10	45°C
110	150	380	218.0	2900	86	87	89	0.75	0.82	0.84	75000	10	45°C
130	180	380	264.0	2910	87	88	88	0.82	0.85	0.86	75000	10	45°C
150	200	380	280.0	2915	88	89	90	0.82	0.86	0.87	75000	10	45°C
170	230	380	324.0	2915	87	88	89	0.84	0.86	0.87	75000	10	45°C
185	250	380	355.0	2920	87	89	90	0.85	0.87	0.88	75000	10	45°C

400 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
75	100	400	145.0	2910	85	86	87	0.74	0.81	0.85	75000	10	45°C
92	125	400	174.0	2910	81	87	89	0.78	0.82	0.84	75000	10	45°C
110	150	400	202.0	2905	83	85	88	0.75	0.81	0.83	75000	10	45°C
130	180	400	246.0	2915	87	87	88	0.81	0.83	0.84	75000	10	45°C
150	200	400	272.0	2920	86	88	89	0.82	0.84	0.85	75000	10	45°C
170	230	400	312.0	2920	86	86	88	0.83	0.83	0.86	75000	10	45°C
185	250	400	337.0	2925	87	88	89	0.84	0.86	0.88	75000	10	45°C

415 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
75	100	415	144.0	2915	85	85	86	0.73	0.81	0.85	75000	10	45°C
92	125	415	168.0	2910	81	87	88	0.76	0.80	0.83	75000	10	45°C
110	150	415	198.0	2910	82	86	88	0.72	0.81	0.83	75000	10	45°C
130	180	415	245.0	2915	86	88	89	0.78	0.80	0.82	75000	10	45°C
150	200	415	268.0	2925	85	86	88	0.80	0.83	0.84	75000	10	45°C
170	230	415	308.0	2920	85	87	88	0.82	0.84	0.84	75000	10	45°C
185	250	415	335.0	2925	87	88	89	0.81	0.82	0.86	75000	10	45°C

MJU 10 WC SERIES 60HZ

3*380 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
75	100	380	150	3500	88	89	88	0.78	0.81	0.87	75000	10	45°C
92	125	380	185	3510	87	88	89	0.80	0.83	0.88	75000	10	45°C
110	150	380	220	3505	88	89	90	0.79	0.83	0.87	75000	10	45°C
130	180	380	268	3510	88	87	89	0.80	0.84	0.88	75000	10	45°C
150	200	380	281	3515	87	88	89	0.78	0.84	0.88	75000	10	45°C
170	230	380	320	3510	87	88	89	0.79	0.83	0.87	75000	10	45°C
185	250	380	355	3515	89	89	90	0.79	0.85	0.89	75000	10	45°C

3*460 V

KW	HP	V	In [A]	Rpm [min⁻¹]	η (eff.) [%]			Cos φ (PF) [%]			Ax.Thrust F [N]	Max. Start	Max. Water Temp.
					50	75	100	50	75	100			
75	100	460	128	3490	84	85	85	0.78	0.84	0.87	75000	10	45°C
92	125	460	152	3500	87	87	88	0.78	0.85	0.88	75000	10	45°C
110	150	460	179	3500	87	88	88	0.80	0.87	0.89	75000	10	45°C
130	180	460	218	3510	87	88	88	0.78	0.85	0.88	75000	10	45°C
150	200	460	237	3510	88	88	89	0.79	0.87	0.90	75000	10	45°C
170	230	460	274	3500	87	88	88	0.78	0.87	0.89	75000	10	45°C
185	250	460	295	3500	86	88	89	0.79	0.88	0.90	75000	10	45°C


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