

Motor type	Rated Power	Rated speed	Rated current			Efficiency IE3			Power factor	Nominal torque	Locked torque / rated torque	Max. torque / rated torque	Locked current / rated current	Moment of inertia	Weight
	P _n	n _n	I _n			η			cosφ	M _n	M _l /M _n	M _{max} /M _n	I _l /I _n	J	m
	kW	min ⁻¹	A 230V	A 400V	A 690V	γ 4/4	γ 3/4	γ 1/2	-	Nm	-	-	-	kgm ²	kg

2-pole motors – n _S = 3000 r/min															
OMT4-IE3 80L-2	0.75	2890	2.85	1.64		80.7	81.0	79.3	0.82	2.48	2.3	2.3	7.0	0.00109	9.5
OMT4-IE3 80L-2	1.1	2890	4.0	2.3		82.7	83.4	82.0	0.83	3.63	2.2	2.3	7.3	0.00142	10.5
OMT4-IE3 90S-2	1.5	2890	5.3	3.1		84.2	85.4	83.7	0.84	4.96	2.2	2.3	7.6	0.00217	16.0
OMT4-IE3 90L-2	2.2	2890	7.6	4.3		85.9	86.5	85.2	0.85	7.27	2.2	2.3	7.8	0.00283	20.0
OMT4-IE3 100L-2	3	2895		5.7	3.3	87.1	87.8	86.5	0.87	9.90	2.3	2.4	8.1	0.00457	26.0
OMT4-IE3 112M-2	4	2910		7.4	4.3	88.1	88.5	87.3	0.88	13.13	2.3	2.4	8.3	0.00631	33.5
OMT4-IE3 132S1-2	5.5	2940		10.1	5.9	89.2	89.5	88.4	0.88	17.87	2.1	2.3	8.3	0.01392	45.0
OMT4-IE3 132S2-2	7.5	2940		13.5	7.8	90.1	90.7	89.4	0.89	24.36	2.0	2.3	7.9	0.01643	51.0
OMT4-IE3 160M1-2	11	2950		19.6	11.3	91.2	91.4	89.9	0.89	35.61	2.0	2.3	8.1	0.0540	98.0
OMT4-IE3 160M2-2	15	2950		26.5	15.3	91.9	92.2	91.2	0.89	48.56	2.0	2.3	8.1	0.0618	108
OMT4-IE3 160L-2	18.5	2950		32.5	18.8	92.4	92.6	91.6	0.89	59.89	2.0	2.3	7.9	0.0716	128

4-pole motors – n _S = 1500 r/min															
OMT4-IE3 80 2-4	0.75	1430	3.0	1.75		82.5	82.7	81.3	0.75	5.01	2.3	2.3	6.6	0.00270	12.5
OMT4-IE3 90S-4	1.1	1440	4.3	2.5		84.1	84.7	82.8	0.76	7.30	2.3	2.3	6.8	0.00327	15.5
OMT4-IE3 90L-4	1.5	1440	5.7	3.3		85.3	86.1	84.7	0.77	9.95	2.3	2.3	7.0	0.00414	19.0
OMT4-IE3 100L1-4	2.2	1455		7.9	4.5	86.7	87.2	85.7	0.81	14.44	2.3	2.4	7.6	0.00537	27.5
OMT4-IE3 100L2-4	3	1455		6.0	3.5	87.7	88.1	87.0	0.82	19.69	2.3	2.4	7.6	0.01012	32.0
OMT4-IE3 112M-4	4	1460		7.9	4.6	88.6	89.3	87.8	0.82	26.16	2.2	2.4	7.8	0.01392	39.0
OMT4-IE3 132S-4	5.5	1470		10.7	6.2	89.6	90.0	88.9	0.83	35.73	2.1	2.3	7.9	0.0310	55.5
OMT4-IE3 132M-4	7.5	1470		14.3	8.3	90.4	91.0	90.0	0.84	48.72	2.1	2.3	7.5	0.0398	65.0
OMT4-IE3 160M-4	11	1470		20.4	11.8	91.4	91.7	90.8	0.85	71.46	2.2	2.3	7.7	0.0852	108
OMT4-IE3 160L-4	15	1470		27.3	15.8	92.1	92.4	91.5	0.86	97.45	2.2	2.3	7.8	0.1116	127

6-pole motors – n _S = 1000 r/min															
OMT4-IE3 90S-6	0.75	955	3.36	1.93		78.9	79.6	77.7	0.71	7.50	2.0	2.1	6.0	0.00414	16.0
OMT4-IE3 90L-6	1.1	955	4.7	2.7		81.0	81.8	79.8	0.73	11.00	2.0	2.1	6.1	0.00576	20.5
OMT4-IE3 100L-6	1.5	955	6.3	3.6		82.5	83.2	81.5	0.73	15.00	2.0	2.1	6.5	0.01164	26.5
OMT4-IE3 112M-6	2.2	970		8.9	5.1	84.3	84.6	82.9	0.74	21.66	2.0	2.1	6.6	0.01643	32.5
OMT4-IE3 132S-6	3	970		6.8	4.0	85.6	86.3	84.8	0.74	29.54	2.0	2.2	6.8	0.03459	45.0
OMT4-IE3 132M1-6	4	970		9.0	5.2	86.8	87.4	86.1	0.74	39.38	2.0	2.2	6.8	0.04286	56.5
OMT4-IE3 132M2-6	5.5	970		12.0	7.0	88.1	88.4	87.4	0.75	54.15	2.0	2.2	7.1	0.05374	63.0
OMT4-IE3 160M-6	7.5	980		15.4	8.9	89.1	89.5	88.4	0.79	73.09	2.0	2.1	7.0	0.04286	56.5
OMT4-IE3 160L-6	11	980		22.0	12.7	90.3	90.8	89.6	0.80	107.2	2.0	2.1	7.2	0.05374	63.0

8-pole motors n _S = 750 r/min															
OMT4-IE3 90S-8	0.37	675	2.18	1.26		69.3	66.9	59.1	0.61	5.23	1.9	1.8	4.0	0.0051	15.0
OMT4-IE3 90L-8	0.55	680	3.08	1.78		73.0	70.6	63.6	0.61	7.72	2.0	1.8	4.1	0.0065	17.2
OMT4-IE3 100L1-8	0.75	680	3.72	2.15		75.0	73.8	67.9	0.67	10.53	2.0	1.8	4.2	0.0095	26.5
OMT4-IE3 100L2-8	1.1	680	5.12	2.96		77.7	78.2	73.8	0.69	15.45	2.0	1.8	5.1	0.011	29.0
OMT4-IE3 112M-8	1.5	690	6.71	3.88		79.7	79.5	75.6	0.70	20.76	2.0	1.8	5.3	0.0245	32.5
OMT4-IE3 132S-8	2.2	710		9.44	5.46	81.9	81.8	79.0	0.71	29.59	2.0	1.8	6.0	0.0314	46.0
OMT4-IE3 132M-8	3.0	710		7.10	4.10	83.5	82.6	80.3	0.73	40.35	2.0	1.8	6.2	0.0395	52.0
OMT4-IE3 160M1-8	4.0	720		9.33	5.39	84.8	83.8	82.6	0.73	53.06	2.0	1.9	6.3	0.0753	89.0
OMT4-IE3 160M2-8	5.5	720		12.45	7.20	86.2	85.9	84.3	0.74	72.95	2.0	2.0	6.6	0.0931	103

