

Motor type	Rated power	Rated speed	Rated current			Efficiency IE1	Power factor	Nominal torque	Locked-rotor torque	Break-down torque	Locked rotor current	Moment of inertia	Weight
	$P_n$	$n_n$	$I_n$			$\eta$	$\cos\phi$	$M_n$	$M_r/M_n$	$M_{br}/M_n$	$I_r/I_n$	J	m
	kW	min <sup>-1</sup>	A 230V	A 400V	A 690V	%	-	Nm	-	-	-	kgm <sup>2</sup>	kg

2-pole motors –  $n_n = 3000$  r/min

OMT4 56 1-2	0.09	2700	0.47	0.27		62.0	0.77	0.32	2.2	2.1	5.2	0.00018	3.8
OMT4 56 2-2	0.12	2700	0.60	0.35		64.0	0.78	0.42	2.2	2.1	5.2	0.00023	4.0
OMT4 56 C-2 *	0.18	2720	0.87	0.50		65.0	0.80	0.63	2.2	2.2	5.5	0.00025	4.1
OMT4 63 1-2	0.18	2720	0.87	0.50		65.0	0.80	0.63	2.3	2.3	5.5	0.00031	4.5
OMT4 63 2-2	0.25	2720	1.14	0.66		68.0	0.81	0.88	2.3	2.3	5.5	0.00039	4.7
OMT4 63 C-2 *	0.37	2755	1.66	0.96		69.0	0.81	1.28	2.3	2.2	6.1	0.00043	5.0
OMT4 71 1-2	0.37	2755	1.66	0.96		69.0	0.81	1.28	2.2	2.3	6.1	0.00060	6.0
OMT4 71 2-2	0.55	2790	2.37	1.36		71.0	0.82	1.88	2.3	2.3	6.1	0.00063	6.3
OMT4 71 C-2 *	0.75	2840	3.0	1.7		72.1	0.83	2.52	2.2	2.3	6.1	0.00065	6.8
OMT4 80 1-2	0.75	2845	3.1	1.8		72.1	0.83	2.52	2.3	2.2	6.1	0.00080	10
OMT4 80 2-2	1.1	2845	4.4	2.5		75.0	0.84	3.69	2.3	2.2	6.9	0.00087	11
OMT4 80 C-2 *	1.5	2850	5.8	3.3		77.2	0.84	5.03	2.2	2.3	7.0	0.00097	13
OMT4 90S-2	1.5	2850	5.8	3.3		77.2	0.84	5.03	2.3	2.2	7.0	0.0013	13
OMT4 90L-2	2.2	2855	8.2	4.7		79.7	0.85	7.36	2.3	2.2	7.0	0.0014	14
OMT4 90C-2 *	3.0	2860		6.1	3.5	81.5	0.87	10.02	2.2	2.3	7.5	0.0015	19
OMT4 100L-2	3.0	2860		6.1	3.5	81.5	0.87	10.02	2.3	2.2	7.5	0.0030	24
OMT4 100C-2 *	4.0	2880		7.8	4.5	84.2	0.88	13.26	2.2	2.3	7.5	0.0031	23
OMT4 112M-2	4.0	2880		7.9	4.6	83.1	0.88	13.26	2.3	2.2	7.5	0.0056	28
OMT4 112C-2 *	5.5	2900		10.7	6.2	84.7	0.88	18.11	2.2	2.3	7.5	0.0059	33
OMT4 132S1-2	5.5	2900		10.7	6.2	84.7	0.88	18.11	2.3	2.2	7.5	0.0126	40
OMT4 132S2-2	7.5	2900		14.3	8.3	86.0	0.88	24.70	2.3	2.2	7.5	0.0136	43
OMT4 132C-2 *	9.2	2900		17.5	10.2	86.0	0.88	30.29	2.2	2.3	7.5	0.0140	54
OMT4 132CB-2 *	11	2930		20.4	11.8	87.6	0.89	35.85	2.2	2.3	7.5	0.0150	58
OMT4 160M1-2	11	2930		20.4	11.8	87.6	0.89	35.85	2.3	2.2	7.5	0.0438	83
OMT4 160M2-2	15	2930		27.4	15.9	88.7	0.89	48.89	2.3	2.2	7.5	0.0544	90
OMT4 160L-2	18.5	2930		33.2	19.3	89.3	0.90	60.30	2.3	2.2	7.5	0.0674	104

4-pole motors –  $n_n = 1500$  r/min

OMT4 56 1-4	0.06	1300	0.38	0.22		56.0	0.70	0.44	2.1	2.0	4.0	0.00030	3.8
OMT4 56 2-4	0.09	1300	0.54	0.31		58.0	0.72	0.66	2.1	2.0	4.0	0.00040	4.0
OMT4 56 C-4 *	0.12	1310	0.73	0.42		57.0	0.72	0.87	2.1	2.1	4.5	0.00045	4.1
OMT4 63 1-4	0.12	1310	0.73	0.42		57.0	0.72	0.87	2.2	2.1	4.4	0.00050	4.5
OMT4 63 2-4	0.18	1310	1.03	0.59		60.0	0.73	1.31	2.2	2.1	4.4	0.00060	4.7
OMT4 63 C-4 *	0.25	1345	1.30	0.75		65.0	0.74	1.78	2.1	2.2	5.2	0.00065	5.0
OMT4 71 1-4	0.25	1345	1.30	0.75		65.0	0.74	1.78	2.2	2.1	5.2	0.0008	6.0
OMT4 71 2-4	0.37	1340	1.85	1.06		67.0	0.75	2.64	2.2	2.1	5.2	0.0013	6.3
OMT4 71 C-4 *	0.55	1380	2.60	1.50		71.0	0.76	3.81	2.4	2.3	5.5	0.0014	6.8
OMT4 80 1-4	0.55	1380	2.56	1.47		71.0	0.76	3.81	2.3	2.4	5.2	0.0018	10
OMT4 80 2-4	0.75	1390	3.4	2.0		75.0	0.76	5.19	2.3	2.3	6.0	0.0021	11
OMT4 80 C-4 *	1.1	1390	4.8	2.7		75.0	0.77	7.56	2.3	2.3	6.0	0.0024	11

