Technical data
Aluminum motors, 750 r/min

IP 55 - IC 411 - Insulation class F, temperature rise class B
Efficiency class according to IEC 60034-30-1; 2014

Output kW	Motor type	Product code	Speed r/min	Efficiency IEC 60034-30-1; 2014 Full load 100%	3/4 load 75%	1/2 load 50%	Power factor Cos φ	Current I_N A	I_S/I_N	Torque T_N Nm	T_I/T_N	T_b/T_N	Moment of inertia J = 1/4 GD²kgm²	Weight kg	Sound pressure Level L_{PA} dB
750 r/min = 8 poles				400 V 50 Hz				CENELEC-design							
0.09	M3AA 71 A 8	3GAA074001-••E	675	48.8	45.2	37.8	0.57	0.46	2.5	1.27	2.2	2.1	0.000920	5.5	40
0.12	M3AA 71 B 8	3GAA074002-••E	665	51.5	49.0	41.9	0.60	0.56	2.5	1.72	2.2	2.1	0.00120	6.5	43
0.18	M3AA 80 A 8	3GAA084001-••E	690	57.2	55.4	48.8	0.61	0.74	2.9	2.4	2.3	2.3	0.00180	8.5	45
0.25	M3AA 80 B 8	3GAA084002-••E	690	61.4	60.0	54.0	0.60	0.97	3.1	3.4	2.5	2.5	0.00240	9.5	50
0.37	M3AA 90 S 8	3GAA094001-••E	695	59.4	56.3	49.1	0.54	1.66	2.7	5.0	1.6	2.1	0.00320	13.0	52
0.55	M3AA 90 L 8	3GAA094002-••E	660	59.1	59.5	55.2	0.58	2.3	2.5	7.9	1.5	1.6	0.00430	16.0	52
0.75	M3AA 100 LA 8	3GAA104001-••E	720	70.7	67.1	59.9	0.47	3.2	3.9	9.9	2.8	3.6	0.00690	20.0	46
1.1	M3AA 100 LB 8	3GAA104002-••E	695	76.0	76.5	74.6	0.66	3.1	3.4	15.1	1.7	2.2	0.00820	23.0	53
1.5	M3AA 112 M 8	3GAA114101-••E	690	74.4	75.9	74.1	0.70	4.1	3.2	20.7	1.4	1.9	0.010	28.0	55
2.2	M3AA 132 S 8	3GAA134001-••E	715	77.7	79.2	77.6	0.65	6.2	3.4	29.3	1.3	1.9	0.0310	46.0	56
3	M3AA 132 M 8	3GAA134002-••E	715	79.3	80.8	79.8	0.64	8.5	3.2	40.0	1.2	1.8	0.0370	53.0	58
4	M3AA 160 MLA 8	3GAA164031-••G	728	84.0	85.1	83.6	0.67	10.2	5.4	52.4	1.5	2.6	0.0680	84.0	59
5.5	M3AA 160 MLB 8	3GAA164032-••G	726	84.6	85.9	84.8	0.67	13.9	5.6	72.3	1.4	2.6	0.0850	98.0	59
7.5	M3AA 160 MLC 8	3GAA164033-••G	727	86.0	87.3	86.5	0.65	19.3	4.7	98.5	1.5	2.8	0.132	137	59
11	M3AA 180 MLA 8	3GAA184033-••G	728	88.5	89.2	88.2	0.75	23.9	6.3	144	2.0	3.0	0.236	180	59
15	M3AA 200 MLA 8	3GAA204031-••G	737	90.1	91.3	90.8	0.74	32.4	5.3	194	2.0	2.4	0.450	217	60
18.5	M3AA 225 SMA 8	3GAA224031-••G	739	91.0	92.0	91.5	0.73	40.1	5.2	239	2.0	2.3	0.669	266	63
22	M3AA 225 SMB 8	3GAA224032-••G	738	91.6	92.3	92.0	0.74	46.8	5.5	284	2.0	2.3	0.722	279	63
30	M3AA 250 SMA 8	3GAA254031-••G	742	92.3	92.8	92.2	0.71	66.0	5.8	386	2.6	2.4	1.40	340	63
37	M3AA 280 SMA 8	3GAA284031-••G	740	92.2	93.0	92.6	0.74	78.1	5.6	477	2.4	2.3	1.51	403	63

Output kW		Motor type	Product code	Speed r/min	Efficiency IEC 60034-30-1; 2014 Full load 100%	3/4 load 75%	1/2 load 50%	Power factor Cos φ	Current I_N A	I_S/I_N	Torque T_N Nm	T_I/T_N	T_b/T_N	Moment of inertia J = 1/4 GD²kgm²	Weight kg	Sound pressure Level L_{PA} dB
750 r/min = 8 poles					400 V 50 Hz				High-output design							
0.18		M3AA 71 C 8	3GAA074003-••E	660	49.8	48.5	41.7	0.63	0.82	2.7	2.6	2.1	2.0	0.00150	7.0	40
0.37		M3AA 80 C 8	3GAA084003-••E	685	63.1	63.2	58.1	0.62	1.36	3.3	5.1	2.3	2.3	0.00310	11.0	45
0.75	[1]	M3AA 90 LB 8	3GAA094003-••E	635	58.5	60.7	56.2	0.60	3.0	2.7	11.2	1.7	2.0	0.00480	18.0	43
1.5	[1]	M3AA 100 LC 8	3GAA104003-••E	685	70.7	72.4	69.1	0.64	4.7	3.1	20.9	1.9	2.0	0.0090	26.0	46
2	[1]	M3AA 112 MB 8	3GAA114102-••E	690	74.2	76.4	74.0	0.67	5.8	3.5	27.6	1.8	2.1	0.0126	32.0	52
3.8	[1]	M3AA 132 MB 8	3GAA134003-••E	710	76.7	79.3	78.1	0.68	10.5	3.7	51.1	1.4	2.5	0.0490	54.0	68
18.5		M3AA 200 MLB 8	3GAA204032-••G	739	90.1	90.9	90.3	0.74	40.0	5.4	239	2.1	2.3	0.530	245	60
30		M3AA 225 SMC 8	3GAA224033-••G	737	91.6	92.6	92.4	0.73	64.7	5.6	388	2.3	2.4	0.828	300	63
45	[1]	M3AA 250 SMC 8	3GAA254033-••G	738	92.2	93.4	93.4	0.74	95.1	5.6	582	2.3	2.4	1.51	367	63

[1] Temperature rise class F