

400 V 50 Hz¹⁾

Output kW	Motor type M2AA	Product code 3GAA	Speed r/min	Efficiency %	Power factor cos φ	Current		Torque			Moment of inertia J=1/4 GD ² kgm ²	Weight kg
						I _N A	I _S I _N	T _N Nm	T _S T _N	T _{max} T _N		
1500/1000 r/min = 4/6 poles						Fan drive, two separate windings						
0.30/0.10	71 B	078 205-●	1400/950	64/41	0.78/0.66	0.9/0.56	3.3/2.3	2.0/1.1	1.5/1.4	2.0/2.1	0.0009	6.5
0.45/0.15	80 A	088 204-●	1400/960	66/46	0.78/0.65	1.3/0.73	3.7/2.6	3.0/1.5	1.7/1.3	2.1/2.2	0.0017	8.5
0.65/0.22	80 B	088 205-●	1400/960	70/53	0.82/0.64	1.7/0.94	3.9/2.9	4.4/2.2	1.7/1.4	2.1/2.2	0.0021	9.5
1.0/0.3	90 S	098 204-●	1400/940	73/53	0.83/0.75	2.5/1.2	4.2/2.6	6.8/3.0	1.8/1.0	2.2/1.7	0.0032	13
1.5/0.45	90 L	098 205-●	1400/940	75/58	0.84/0.73	3.5/1.6	4.3/2.9	10.0/4.5	1.7/1.0	2.1/1.8	0.0043	16
2.0/0.6	100 LA	108 203-●	1430/960	77/62	0.85/0.72	4.5/2.0	5.0/3.3	13.0/5.9	1.8/1.0	2.4/1.9	0.0069	20
2.5/0.8	100 LB	108 204-●	1430/960	79/68	0.84/0.71	5.5/2.5	5.6/3.5	16.0/7.9	2.0/1.1	2.5/2.0	0.0082	23
3.0/1.0	112 M	118 205-●	1445/975	82.0/67.0	0.84/0.68	6.3/3.1	6.0/4.0	19.8/9.8	1.3/1.0	2.3/2.2	0.018	33
4.5/1.5	132 S	138 229-●	1460/985	83.0/67.0	0.85/0.64	9.2/5.1	6.5/4.2	29.4/14.5	1.5/1.0	2.3/2.2	0.038	48
6.0/2.0	132 M	138 230-●	1460/980	84.0/71.0	0.86/0.73	12.0/5.6	7.1/4.5	39.2/19.5	1.8/1.3	2.5/2.0	0.048	59
10.5/3.5	160 M	168 354-●	1460/965	87.0/75.5	0.84/0.78	21/8.6	6.4/4.1	69/35	2.0/1.3	2.5/1.7	0.089	93
14.5/4.5	160 L	168 355-●	1460/970	88.5/77.0	0.85/0.76	28/11.0	6.9/4.6	95/44	2.2/1.5	2.6/1.9	0.119	117
16/5	180 M	188 359-●	1470/980	89.0/78.0	0.83/0.73	31/12.5	6.3/4.6	104/49	1.9/1.5	2.5/2.0	0.176	131
20/6.5	180 L	188 360-●	1470/980	90.0/79.5	0.83/0.74	39/16.0	7.2/5.0	130/63	2.4/1.8	2.7/2.0	0.224	159
23/7.2	200 MLA	208 213-●	1475/985	89.5/84.0	0.88/0.87	43/15	7.7/7.8	149/70	1.6/1.9	2.8/2.9	0.44	175
30/9	200 MLB	208 214-●	1470/985	90.0/83.5	0.90/0.89	54/18	7.7/7.9	195/87	1.6/1.7	2.7/2.5	0.53	200
34/11	225 SMB	228 209-●	1470/985	91.0/85.0	0.91/0.89	60/21	7.7/6.7	221/107	1.5/1.3	2.7/2.3	0.67	225
42/14	225 SMC	228 210-●	1475/985	91.5/89.0	0.89/0.89	75/27	8.4/6.8	272/136	1.7/1.4	3.0/2.3	0.78	255
63/18.5	250 SMB	258 205-●	1475/985	93.5/87.0	0.89/0.79	110/40	7.5/7.3	408/179	2.4/3.0	2.7/2.6	0.89	335

¹⁾ Sizes 63 to 100 voltage code H.
Sizes 112 to 250 voltage code D.

Recalculation factors

Recalculation factors for current at rated voltages other than 400 V 50 Hz

Motor sizes 63-100 Rated voltage at 50 Hz and motor wound for		Motor sizes 112-250 Rated voltage at 50 Hz and motor wound for	
	Recalculation factor		Recalculation factor
220 V	¹⁾	220 V	1.82
230 V	1.74	230 V	1.74
380 V	²⁾	380 V	1.05
		415 V	0.96
500 V	0.80	500 V	0.80
660 V	0.61	660 V	0.61
690 V	0.58	690 V	0.58

¹⁾ Code S.

²⁾ Restamping of code H. Note that this results in a certain reduction of output. Rated output on request.