

**Flameproof motors – EEx d IIB/IIC T4 - M2JA
EEx de IIB/IIC T4 - M2KA**

**Insulation class F
Temperature rise class F**

**Cast iron frame, two-speed motors
IP 55 IC 411**

Nominal voltage 380-400- 415 V 50 Hz ¹⁾

400 V 50 Hz

Output kW	Motor type M2JA/M2KA	Product code 3GJA/3GKA	Speed r/min	Current I _N	Weight kg
3000/1500 r/min = 2-4 poles			Constant torque, Dahlander-connection		
0.95/0.6	80 L	089 328-••B	2750/1420	2.0/1.8	24
1.1/0.85	90 S	099 118-••B	2735/1405	2.4/2.1	32.5
1.5/1.25	90 L	099 518-••B	2800/1410	3.1/3.0	37
2.2/1.75	100 LA	109 518-••B	2815/1430	4.4/3.8	44
2.9/2.25	100 LB	109 528-••B	2850/1440	5.8/5.1	47.5
3.6/2.8	112 M	119 318-••B	2860/1440	7.0/6.1	51.5
4.7/3.1	132 SB	139 118-••B	2820/1420	8.8/7.4	79
7.2/4.8	132 M	139 128-••B	2870/1435	12.8/11.0	82
8.5/6	160 MA	169 318-••B	2895/1445	16.5/13.5	130
12/8.5	160 LA	169 308-••B	2895/1445	22.5/18	146
18/12	180 M	189 308-••B	2925/1460	33/26	205
29/21	200 MLA	209 418-••B	2940/1480	52/41	280
39/29	225 SMB	229 228-••B	2955/1485	67/57	365
50/40	250 SMA	259 218-••B	2950/1480	86/75	460
70/50	280 SMA	289 218-••A	2965/1488	130/96	590
90/65	280 SMB	289 228-••A	2965/1486	153/116	630
105/75	280 SMC	289 238-••A	2970/1487	179/134	690
125/85	315 SMB	319 228-••A	2971/1485	218/178	940
175/120	315 MLA	319 418-••A	2971/1485	300/240	1190
170/125	355 S	359 108-••A	2980/1486	285/260	1550
180/150	355 SMA	359 218-••A	2983/1487	300/290	1750
220/165	355 MLA	359 418-••A	2985/1490	370/340	2150
220/165	400 M	409 308-••A	2985/1490	370/340	2200
²⁾	400 LKA	409 518-••A			
1500/750 r/min = 4-8 poles			Constant torque, Dahlander-connection		
0.45/0.23	80 L	089 329-••B	1400/690	1.2/1.2	24
0.55/0.3	90 S	099 119-••B	1360/700	1.3/1.3	32.5
0.75/0.4	90 L	099 519-••B	1355/700	1.7/1.6	37
1.4/0.7	100 LA	109 519-••B	1425/710	3.1/2.8	44
1.8/0.9	100 LB	109 529-••B	1420/705	3.8/3.4	47.5
2.0/1.0	112 M	119 319-••B	1425/710	3.7/2.9	51.5
3.8/1.9	132 S	139 119-••B	1450/730	7.4/7.3	79
5/2.5	132 M	139 129-••B	1455/730	9.2/9.2	82
8/4.5	160 M	169 309-••B	1445/730	17/15.4	140
13/7	180 L	189 509-••B	1455/730	26/23	220
20/11	200 MLA	209 419-••B	1465/735	37/24.5	270
24/14	200 MLB	209 429-••B	1470/735	43/30.5	285
34/20	225 SMB	229 229-••B	1475/740	61/43	350
41/25	250 SMA	259 219-••B	1475/740	73.5/54	455
50/32	280 SMA	289 219-••A	1484/742	193/73	590
65/40	280 SMB	289 229-••A	1486/743	115/92	630
85/50	280 SMC	289 239-••A	1487/743	149/115	690
95/65	315 SMB	319 229-••A	1486/742	163/130	945
150/95	315 MLA	319 419-••A	1486/742	255/193	1100
150/90	355 S	359 109-••A	1491/741	260/195	1550
180/130	355 SMA	359 219-••A	1487/741	310/280	1800
210/160	355 MLA	359 419-••A	1489/742	360/355	2100
210/160	400 M	409 309-••A	1489/742	360/355	2150
250/185	400 LKA	409 519-••A	1493/745	435/485	3050

¹⁾ Motors are certified for the voltages 380-400-415 V 50 Hz according to IEC 34-1.
Values above are given for 400 V 50 Hz; data for other voltages on request.

²⁾ On request

Detailed technical data on request.

Note: When ordering IIC T5/T6 motors, please add variant code:

461 =EEx d(e) design, Group IIC / On request

462 =EEx d(e) design, temperature class T5 / On request

463 =EEx d(e) design, temperature class T6 / On request