

Flameproof motors EEx d/EEx de IIB/IIC T4

Technical data for totally enclosed squirrel cage three phase motors, two-speed



IP 55, IC 411; Insulation class F, temperature rise class F

Output kW 50 Hz	Motor type	Product code	Speed r/min	Current I _N A	Weight EEx d kg
1500/1000 r/min = 4/6 poles Fan drive, two separate windings				400 V 50 Hz	
0.95/0.28	M3JP/KP 90 SLA	3GJP/KP 098 014-...G	1) ¹⁾	1) ¹⁾	1) ¹⁾
1.25/0.4	M3JP/KP 90 SLC	3GJP/KP 098 034-...G	1) ¹⁾	1) ¹⁾	1) ¹⁾
1.8/0.55	M3JP/KP 100 LA	3GJP/KP 108 514-...G	1443/969	3.8/1.7	67
2.2/0.7	M3JP/KP 100 LB	3GJP/KP 108 524-...G	1) ¹⁾	1) ¹⁾	1) ¹⁾
2.6/0.8	M3JP/KP 112 MC	3GJP/KP 118 334-...G	1) ¹⁾	1) ¹⁾	1) ¹⁾
4.5/1.5	M3JP/KP 132 SMC	3GJP/KP 138 234-...G	1) ¹⁾	1) ¹⁾	1) ¹⁾
6.0/2.0	M3JP/KP 132 SMD	3GJP/KP 138 244-...G	1) ¹⁾	1) ¹⁾	1) ¹⁾
11/3.7	M3JP/KP 160 MLC	3GJP/KP 168 434-...G	1467/973	22/9	172
15/4.7	M3JP/KP 160 MLE	3GJP/KP 168 454-...G	1465/972	29.5/11.5	195
18.5/5.8	M3JP/KP 180 MLC	3GJP/KP 188 434-...G	1476/984	35/15.2	239
21/6.6	M3JP/KP 200 MLB	3GJP/KP 208 424-...G	1477/990	38/14	320
26/8	M3JP/KP 200 MLC	3GJP/KP 208 434-...G	1474/987	46/16.5	340
31/10	M3JP/KP 225 SMB	3GJP/KP 228 224-...G	1481/991	55/21.5	385
40/12.5	M3JP/KP 225 SMC	3GJP/KP 228 234-...G	1481/990	71/26	415
54/17	M3JP/KP 250 SMB	3GJP/KP 258 224-...G	1480/987	97/38	505
63/19	M3JP/KP 250 SMC	3GJP/KP 258 234-...G	1478/987	114/42	530
85/27	M3JP/KP 280 SMB	3GJP/KP 288 224-...G	1487/992	160/59	765
100/30	M3JP/KP 280 SMC	3GJP/KP 288 234-...G	1486/991	180/62	825
120/36	M3JP/KP 315 SMB	3GJP/KP 318 224-...G	1487/991	212/72	1060
145/43	M3JP/KP 315 SMC	3GJP/KP 318 234-...G	1487/991	256/86	1100
180/54	M3JP/KP 315 MLA	3GJP/KP 318 414-...G	1484/990	321/109	1260
220/65	M3JP/KP 355 SMA	3GJP/KP 358 214-...G	1489/991	390/131	1800
300/90	M3JP/KP 355 SMC	3GJP/KP 358 234-...G	1488/991	525/183	2010
390/110	M3JP/KP 355 MLB	3GJP/KP 358 424-...G	1490/992	700/221	2330
1500/750 r/min = 4/8 poles Fan drive, two separate windings				400 V 50 Hz	
85/12	M3JP/KP 280 SMB	3GJP/KP 288 222-...G	1487/744	160/34	765
100/15	M3JP/KP 280 SMC	3GJP/KP 288 232-...G	1486/744	180/40	825
120/18	M3JP/KP 315 SMB	3GJP/KP 318 222-...G	1487/744	212/41	1060
145/19	M3JP/KP 315 SMC	3GJP/KP 318 232-...G	1487/744	256/48	1100
180/23	M3JP/KP 315 MLA	3GJP/KP 318 412-...G	1484/743	321/58	1260
220/28	M3JP/KP 355 SMA	3GJP/KP 358 212-...G	1489/744	390/70	1800
300/38	M3JP/KP 355 SMC	3GJP/KP 358 232-...G	1488/745	525/96	2010
390/50	M3JP/KP 355 MLB	3GJP/KP 358 422-...G	1490/744	700/123	2330

1) On request

Notes:

When ordering IIC motors, following variant code has to be added: 461 = EEx d, EEx de design, Group IIC.

The two bullets in the product code indicate choice of mounting arrangement, voltage and frequency (see ordering information).

Detailed technical data on request.

Flameproof motors EEx d/EEx de IIB/IIC T4

Technical data for totally enclosed squirrel cage three phase motors, two-speed



IP 55, IC 411; Insulation class F, temperature rise class F

Output kW 50 Hz	Motor type	Product code	Speed r/min	Current I _N A	Weight EEx d kg
1500/750 r/min = 4-8 poles Fan drive, Dahlander-connection				400 V 50 Hz	
0.6/0.11	M3JP/KP 80 MB	3GJP/KP 088 329-..G	1)	1)	1)
1/0.23	M3JP/KP 90 SLA	3GJP/KP 098 019-..G	1)	1)	1)
1.5/0.31	M3JP/KP 90 SLC	3GJP/KP 098 039-..G	1)	1)	1)
2/0.45	M3JP/KP 100 LA	3GJP/KP 108 519-..G	1)	1)	1)
2.4/0.5	M3JP/KP 100 LB	3GJP/KP 108 529-..G	1)	1)	1)
2.9/0.6	M3JP/KP 112 MC	3GJP/KP 118 339-..G	1)	1)	1)
5.0/1.0	M3JP/KP 132 SMB	3GJP/KP 138 229-..G	1427/720	9.8/2.8	104
6.8/1.4	M3JP/KP 132 SMD	3GJP/KP 138 249-..G	1)	1)	1)
11/2.5	M3JP/KP 160 MLC	3GJP/KP 168 439-..G	1468/732	22/8.8	172
15/3.5	M3JP/KP 160 MLE	3GJP/KP 168 459-..G	1467/731	29/11	195
18.5/3.7	M3JP/KP 180 MLB	3GJP/KP 188 429-..G	1475/737	36/13.2	220
22/4.4	M3JP/KP 180 MLC	3GJP/KP 188 439-..G	1475/739	43/15.5	239
30/7	M3JP/KP 200 MLB	3GJP/KP 208 429-..G	1478/736	58/21	340
37/10	M3JP/KP 225 SMB	3GJP/KP 228 229-..G	1482/735	70/26.5	390
42/11	M3JP/KP 225 SMC	3GJP/KP 228 239-..G	1480/733	77/28.5	425
50/13	M3JP/KP 225 SME	3GJP/KP 228 259-..G	1478/733	91/33.5	445
60/15	M3JP/KP 250 SMB	3GJP/KP 258 229-..G	1482/738	110/40	505
70/17	M3JP/KP 250 SMC	3GJP/KP 258 239-..G	1482/738	130/46	530
80/18.5	M3JP/KP 280 SMB	3GJP/KP 288 229-..G	1486/743	145/47	765
90/20	M3JP/KP 280 SMC	3GJP/KP 288 239-..G	1486/743	160/50	825
125/28	M3JP/KP 315 SMB	3GJP/KP 318 229-..G	1488/744	226/73	1060
160/37	M3JP/KP 315 MLA	3GJP/KP 318 419-..G	1486/742	283/93	1260
220/50	M3JP/KP 355 SMA	3GJP/KP 358 219-..G	1489/744	395/126	1800
300/70	M3JP/KP 355 SMC	3GJP/KP 358 239-..G	1490/744	536/177	2010
1000/750 r/min = 6/8 poles Fan drive, two separate windings				400 V 50 Hz	
53/20	M3JP/KP 280 SMB	3GJP/KP 288 226-..G	990/745	99/46	745
70/26	M3JP/KP 280 SMC	3GJP/KP 288 236-..G	992/745	132/58	825
84/36	M3JP/KP 315 SMB	3GJP/KP 318 226-..G	993/745	156/78	1030
103/44	M3JP/KP 315 SMC	3GJP/KP 318 236-..G	993/745	195/94	1100
123/52	M3JP/KP 315 MLA	3GJP/KP 318 416-..G	993/745	230/109	1250
140/60	M3JP/KP 355 SMA	3GJP/KP 358 216-..G	994/745	263/125	1630
180/76	M3JP/KP 355 SMB	3GJP/KP 358 226-..G	994/745	317/157	1790
210/88	M3JP/KP 355 SMC	3GJP/KP 358 236-..G	994/745	390/178	2010
250/105	M3JP/KP 355 MLB	3GJP/KP 358 426-..G	994/744	463/218	2370
315/132	M3JP/KP 355 LKB	3GJP/KP 358 826-..G	993/745	583/290	2790
355/150	M3JP/KP 400 LB	3GJP/KP 408 526-..G	995/745	670/300	3430
355/150	M3JP/KP 400 LKB	3GJP/KP 408 826-..G	995/745	670/300	3430
400/170	M3JP/KP 400 LD	3GJP/KP 408 546-..G	995/746	740/350	3680
400/170	M3JP/KP 400 LKD	3GJP/KP 408 846-..G	995/746	740/350	3680
3000/1500 r/min = 2/4 poles Constant torque, two separate windings				400 V 50 Hz	
65/33	M3JP/KP 280 SMB	3GJP/KP 289 221-..G	2979/1488	112/67	765
82/41	M3JP/KP 280 SMC	3GJP/KP 289 231-..G	2979/1488	141/81	825
100/50	M3JP/KP 315 SMB	3GJP/KP 319 221-..G	2986/1488	183/101	1040
125/63	M3JP/KP 315 SMC	3GJP/KP 319 231-..G	2980/1490	216/128	1130
155/78	M3JP/KP 315 MLA	3GJP/KP 319 411-..G	2985/1489	267/157	1290
180/90	M3JP/KP 355 SMA	3GJP/KP 359 211-..G	2985/1490	308/175	1790
300/150	M3JP/KP 355 MLA	3GJP/KP 359 411-..G	2985/1491	512/328	2190

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IP 55, IC 411; Insulation class F, temperature rise class F

Output kW 50 Hz	Motor type	Product code	Speed r/min	Current I _N A	Weight EEx d kg
1500/750 r/min = 4/8 poles Constant torque, two separate windings				400 V 50 Hz	
60/30	M3JP/KP 280 SMB	3GJP/KP 289 222-••G	1486/741	110/74	765
74/37	M3JP/KP 280 SMC	3GJP/KP 289 232-••G	1487/741	132/93	825
90/45	M3JP/KP 315 SMB	3GJP/KP 319 222-••G	1490/742	165/112	1060
110/55	M3JP/KP 315 SMC	3GJP/KP 319 232-••G	1490/742	200/139	1100
140/70	M3JP/KP 315 MLA	3GJP/KP 319 412-••G	1489/742	250/173	1260
180/90	M3JP/KP 355 SMA	3GJP/KP 359 212-••G	1491/743	330/225	1800
250/115	M3JP/KP 355 SMC	3GJP/KP 359 232-••G	1490/744	445/293	2010
330/145	M3JP/KP 355 MLB	3GJP/KP 359 422-••G	1492/743	605/355	2330
1500/750 r/min = 4-8 poles Constant torque, Dahlander-connection				400 V 50 Hz	
0.45/0.23	M3JP/KP 80 MB	3GJP/KP 089 329-••G	¹⁾	¹⁾	¹⁾
0.55/0.3	M3JP/KP 90 SLA	3GJP/KP 099 019-••G	¹⁾	¹⁾	¹⁾
0.75/0.4	M3JP/KP 90 SLC	3GJP/KP 099 039-••G	¹⁾	¹⁾	¹⁾
1.4/0.7	M3JP/KP 100 LA	3GJP/KP 109 519-••G	1434/721	2.9/3	67
1.8/0.9	M3JP/KP 100 LB	3GJP/KP 109 529-••G	¹⁾	¹⁾	¹⁾
2.0/1.0	M3JP/KP 112 MC	3GJP/KP 119 339-••G	¹⁾	¹⁾	¹⁾
3.8/1.9	M3JP/KP 132 SMB	3GJP/KP 139 229-••G	¹⁾	¹⁾	¹⁾
5/2.5	M3JP/KP 132 SMD	3GJP/KP 139 249-••G	1438/724	9.6/8.6	106
8/4.5	M3JP/KP 160 MLC	3GJP/KP 169 439-••G	1456/727	15.5/14.9	172
12/7	M3JP/KP 160 MLE	3GJP/KP 169 459-••G	1462/727	23/24.5	195
16/8	M3JP/KP 180 MLC	3GJP/KP 189 439-••G	1464/735	31/28	233
22/13	M3JP/KP 200 MLB	3GJP/KP 209 429-••G	1476/737	39/30	320
27/16	M3JP/KP 200 MLC	3GJP/KP 209 439-••G	1473/736	48/35.5	340
34/20	M3JP/KP 225 SMB	3GJP/KP 229 229-••G	1479/739	60/48	385
37/24	M3JP/KP 225 SMC	3GJP/KP 229 239-••G	1476/736	64/53	415
45/27	M3JP/KP 225 SMD	3GJP/KP 229 249-••G	1476/737	79/60	445
52/31	M3JP/KP 250 SMB	3GJP/KP 259 229-••G	1483/741	90/72	500
65/40	M3JP/KP 280 SMB	3GJP/KP 289 229-••G	1487/743	116/92	745
85/50	M3JP/KP 280 SMC	3GJP/KP 289 239-••G	1487/743	149/115	825
95/65	M3JP/KP 315 SMB	3GJP/KP 319 229-••G	1489/744	166/140	1030
115/80	M3JP/KP 315 SMC	3GJP/KP 319 239-••G	1489/743	198/167	1100
150/95	M3JP/KP 315 MLA	3GJP/KP 319 419-••G	1489/744	260/201	1250
200/125	M3JP/KP 355 SMB	3GJP/KP 359 229-••G	1490/745	340/270	1790
290/185	M3JP/KP 355 MLB	3GJP/KP 359 429-••G	1490/744	490/390	2370
1000/750 r/min = 6/8 poles Constant torque, two separate windings				400 V 50 Hz	
47/35	M3JP/KP 280 SMB	3GJP/KP 289 226-••G	991/744	89/81	745
60/45	M3JP/KP 280 SMC	3GJP/KP 289 236-••G	992/743	112/100	825
75/56	M3JP/KP 315 SMB	3GJP/KP 319 226-••G	993/744	142/118	1030
88/66	M3JP/KP 315 SMC	3GJP/KP 319 236-••G	993/744	165/139	1100
106/80	M3JP/KP 315 MLA	3GJP/KP 319 416-••G	993/744	198/171	1250
110/83	M3JP/KP 355 SMA	3GJP/KP 359 216-••G	994/746	204/177	1630
135/100	M3JP/KP 355 SMB	3GJP/KP 359 226-••G	994/745	250/204	1790
155/116	M3JP/KP 355 SMC	3GJP/KP 359 236-••G	994/744	288/236	2010
180/135	M3JP/KP 355 MLB	3GJP/KP 359 426-••G	994/744	340/282	2370
220/165	M3JP/KP 355 LKB	3GJP/KP 359 826-••G	993/744	410/340	2790

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