

**Totally enclosed squirrel cage
three phase motors, cast iron frame
IP 55 IC 411**

400 V 50 Hz

Output kW	Motor type	Product code	Speed r/min	Effi- ciency %	Power factor cos φ	Current		Torque			
						I _N A	I _s I _N	T _N Nm	T _s T _N	T _{max} T _N	
1500 r/min = 4 poles Basic design											
0.25 ²⁾	QU	71 M4 AT	GST 072 310-•A	1390	66.0	0.74	0.74	3.5	1.72	2.0	2.3
0.37 ²⁾		71 M4 BT	072 320-•A	1380	68.0	0.74	1.06	3.7	2.55	2.1	2.3
0.55 ³⁾		80 M4 AT	082 310-•A	1420	75.0	0.77	1.37	4.7	3.7	2.5	2.2
0.75 ³⁾		80 M4 BT	082 320-•A	1410	76.0	0.77	1.85	4.8	5	2.5	2.3
1.1 ⁴⁾		90 S4 AT	092 110-•A	1410	78.5	0.77	2.65	4.8	7.45	2.2	2.3
1.5 ⁴⁾		90 L4 AT	092 510-•A	1410	80.5	0.78	3.45	4.9	10.1	2.4	2.5
2.2 ⁴⁾		100 L4 AT	102 510-•A	1425	82.5	0.84	4.6	5.6	14.7	2.6	2.8
3 ⁴⁾		100 L4 BT	102 520-•A	1415	84.5	0.84	6.1	6.2	20.2	3.0	3.1
4 ⁴⁾		112 M4 AT	112 310-•A	1435	85.5	0.84	8	6.7	26.6	2.8	3.2
5.5 ⁴⁾		132 S4 AT	132 110-•A	1430	87.0	0.84	10.9	6.6	36.7	2.4	3.0
7.5 ⁴⁾		132 M4 AT	132 310-•A	1430	88.5	0.86	14.2	6.9	50	2.7	3.1
11	M2BA	160 M	3GBA 162 300-•A	1455	89.0	0.83	21.5	5.9	72	2.6	2.9
15		160 L	162 500-•A	1460	90.2	0.84	29	6.6	98	2.9	3.2
18.5		180 M	182 300-•A	1470	91.5	0.83	35	6.0	120	2.5	2.8
22		180 L	182 500-•A	1470	91.6	0.84	41.5	6.0	143	2.5	2.7
30		200 MLA	202 410-•C	1475	92.6	0.83	56	6.7	194	3.5	3.0
37		225 SMA	222 210-•C	1480	93.2	0.85	68	6.7	239	3.3	2.9
45		225 SMB	222 220-•C	1475	93.6	0.86	81	6.7	291	3.0	2.8
55		250 SMA	252 210-•C	1480	94.0	0.86	98	6.6	355	2.6	3.1
75		280 SMA	282 210-•A	1484	95.0	0.86	135	6.9	483	2.6	2.8
90		280 SMB	282 220-•A	1483	95.2	0.87	158	7.2	580	2.6	2.7
110		315 SMA	312 210-•A	1487	95.6	0.87	192	7.2	706	2.0	2.5
132		315 SMB	312 220-•A	1487	95.8	0.87	232	7.1	848	2.3	2.7
160		315 SMC	312 230-•A	1486	96.0	0.86	282	7.2	1028	2.4	2.9
200		315 MLA	312 410-•A	1486	96.2	0.86	351	7.2	1285	2.5	2.9
250		355 S	352 100-•A	1487	96.5	0.87	430	7.2	1606	2.3	2.7
315		355 SMA	352 210-•A	1488	96.7	0.87	545	7.6	2022	2.5	2.9
355		355 SMB	352 220-•A	1486	96.7	0.87	610	6.8	2281	2.2	2.6
400		355 MLA	352 410-•A	1489	96.8	0.87	685	6.9	2565	1.6	2.8
450		355 MLB	352 420-•A	1489	96.8	0.87	770	7.6	2886	1.5	3.0
500		355 MLC	352 430-•A	1489	96.8	0.88	845	7.6	3207	1.3	2.9
400		400 M	402 300-•A	1489	96.8	0.87	685	6.9	2565	1.6	2.8
450		400 MA	402 310-•A	1489	96.8	0.87	770	7.6	2886	1.5	3.0
500		400 MB	402 320-•A	1489	96.8	0.88	845	7.6	3207	1.3	2.9
560		400 LKA	402 510-•A	1489	96.9	0.90	925	6.6	3591	1.1	2.6
630		400 LKB	402 520-•A	1489	96.9	0.87	1080	6.9	4040	1.2	2.8
710 ¹⁾		400 LKC	402 530-•A	1489	96.9	0.87	1220	6.8	4556	1.2	2.7

1500 r/min = 4 poles High-output design

18.5 ¹⁾	M2BA	160 LB	3GBA 162 520-•A	1455	90.4	0.84	35	6.6	121	2.7	3.2
30 ¹⁾		180 LB	182 520-•A	1465	91.9	0.84	56	6.6	196	2.8	2.9
37 ¹⁾		200 MLB	202 420-•C	1470	93.1	0.85	68	6.6	240	3.4	2.8
55 ¹⁾		225 SMC	222 230-•C	1475	94.0	0.86	98	7.0	356	3.3	2.9
75 ¹⁾		250 SMB	252 220-•C	1475	94.4	0.88	130	6.4	486	2.6	3.0
110		280 SMC	282 230-•A	1484	95.6	0.87	194	7.7	708	3.0	3.0

The bullet indicates a 3-letter product code supplement for choice of mounting arrangement (page 15, pos 12.), voltage and frequency (below) and generation code (page 15, pos 14).

Code letters for supplementing the product code for voltage and frequency:

A	B	D	E	F	H
380 VY 50 Hz	380 VΔ 50 Hz	380-420 VΔ 50 Hz 660-690 VY 50 Hz 440-480 VΔ 60 Hz	500 VΔ 50 Hz 575 VΔ 60 Hz	500 VY 50 Hz 575 VY 60 Hz	415 VΔ 50 Hz
S	T	U	X		
220-240 VΔ 50 Hz 380-420 VY 50 Hz 440-480 VY 60 Hz	660 VΔ 50 Hz	690 VΔ 50 Hz	Other rated voltage, connection or frequency, max. 690 V		