Output kW		Motor type		380 V 50 Hz Speed r/min	Effi-ciency %	Power factor cos φ	Current I_N A	415 V 50 Hz Speed r/min	Effi-ciency %	Power factor cos φ	Current I_N A	Moment of inertia J = ¼ GD² kgm²	Weight kg	Sound pressure level L_p dB(A)
1500 r/min = 4 poles			**Basic design**											
0.25	2)	QU	71 M4 AT	1370	63.2	0.78	0.77	1400	63.0	0.71	0.78	0.0006	11	45
0.37	2)		71 M4 BT	1360	65.3	0.78	1.1	1390	65.3	0.71	1.11	0.00077	11	45
0.55	3)		80 M4 AT	1400	72.4	0.81	1.42	1430	72.6	0.74	1.42	0.0018	17	46
0.75	3)		80 M4 BT	1390	73.5	0.80	1.94	1420	73.9	0.74	1.91	0.0021	18	46
1.1	4)		90 S4 AT	1395	76.1	0.80	2.75	1415	76.7	0.75	2.65	0.0029	25	52
1.5	4)		90 L4 AT	1395	78.2	0.81	3.6	1415	79.0	0.76	3.5	0.0037	26	52
2.2	4)		100 L4 AT	1410	80.3	0.86	4.85	1430	81.3	0.82	4.6	0.0075	34	53
3	4)		100 L4 BT	1400	82.4	0.86	6.4	1420	83.6	0.82	6.1	0.0098	35	53
4	4)		112 M4 AT	1420	83.5	0.86	8.5	1440	84.9	0.83	7.9	0.014	44	56
5.5	4)		132 S4 AT	1415	85.1	0.85	11.6	1435	86.7	0.83	10.6	0.031	65	60
7.5	4)		132 M4 AT	1415	86.7	0.87	15.1	1435	88.4	0.85	13.9	0.04	79	60
11		M2BA	160 M	1450	89.0	0.84	22.5	1460	89.0	0.81	21	0.066	115	66
15			160 L	1455	90.0	0.85	30	1470	90.0	0.83	28	0.09	127	66
18.5			180 M	1465	91.0	0.84	37	1475	91.5	0.82	34.5	0.161	175	66
22			180 L	1465	91.0	0.85	43.5	1475	91.6	0.82	41	0.191	185	66
30			200 MLA	1470	92.0	0.83	60	1475	92.6	0.83	54	0.29	255	66
37			225 SMA	1475	93.0	0.85	71	1480	93.0	0.82	67.5	0.37	310	68
45			225 SMB	1470	93.0	0.88	84	1475	93.6	0.84	80	0.42	330	68
55			250 SMA	1475	94.0	0.86	103	1480	94.0	0.84	97	0.72	420	68
75			280 SMA	1481	95.0	0.87	140	1485	95.0	0.84	131	1.25	590	68
90			280 SMB	1481	95.2	0.88	165	1485	95.2	0.86	153	1.5	630	68
110			315 SMA	1486	95.5	0.88	200	1488	95.6	0.86	189	2.3	870	70
132			315 SMB	1486	95.7	0.88	242	1488	95.8	0.86	227	2.6	925	70
160			315 SMC	1485	95.9	0.87	294	1487	96.0	0.85	277	2.9	970	70
200			315 MLA	1484	96.1	0.87	365	1487	96.3	0.85	342	3.5	1080	70
250			355 S	1486	96.4	0.87	455	1488	96.5	0.86	420	6.5	1550	80
315			355 SMA	1487	96.7	0.87	570	1489	96.7	0.86	525	8.2	1800	80
355			355 SMB	1485	96.7	0.88	635	1487	96.7	0.86	595	8.2	1800	80
400			355 MLA	1488	96.8	0.88	710	1490	96.8	0.86	670	10	2100	80
450			355 MLB	1488	96.8	0.88	805	1490	96.8	0.86	750	10	2100	80
500			355 MLC	1488	96.8	0.89	880	1490	96.8	0.87	830	10.5	2100	83
400			400 M	1488	96.8	0.88	710	1490	96.8	0.86	670	10	2150	80
450			400 MA	1488	96.8	0.88	805	1490	96.8	0.86	750	10	2150	80
500			400 MB	1488	96.8	0.89	880	1490	96.8	0.87	830	10.5	2150	83
560			400 LKA	1487	96.8	0.91	965	1490	96.9	0.90	890	14	3050	85
630			400 LKB	1488	96.8	0.88	1125	1490	96.9	0.87	1040	15	3150	85
710	1)		400 LKC	1487	96.8	0.88	1270	1490	96.9	0.86	1180	15	3150	85
1500 r/min = 4 poles			**High-output design**											
18.5	1)	M2BA	160 LB	1450	90.0	0.85	37	1460	90.4	0.83	34.5	0.101	135	66
30	1)		180 LB	1460	91.7	0.85	58	1470	91.9	0.82	55	0.225	203	66
37	1)		200 MLB	1465	93.0	0.86	70	1470	93.0	0.83	67	0.34	275	66
55	1)		225 SMC	1470	94.0	0.86	103	1475	94.0	0.84	97	0.49	355	68
75	1)		250 SMB	1470	94.0	0.89	136	1475	94.0	0.88	126	0.88	465	68
110			280 SMC	1482	95.6	0.88	201	1486	95.7	0.86	189	1.85	690	68

1) Temperature rise class F.
2) Voltage code letters E, S only.
3) Voltage code lettersn E, S only .
Motors with terminal box on top, code letter E on request.
4) Voltage code letters D, E, S only.
Motors with terminal box on top, code letter E on request.

Further details or special designs on request.

Please note that the frequency converter application in critical conditions may require special rotor design within 355 and 400 frame motors. We therefore recommend a separate checking.