

<b>AmTecs Motors</b> <b>Motor type</b> DM-IP23 = CAST IRON Open drip proof (IP23)  230/400V - 50Hz 400/690V - 50Hz  Frame size EN60034-1 (IEC-DIN)			Rated output power	Rated current at			Full-load speed rpm	Full-load power factor	Full-load efficiency		Full-load torque	Starting current	Starting torque	Pull-out torque	Sound pressure level	Moment of Inertia J= $\frac{1}{2}GD^2$	Weight foot mounted
				P <sub>N</sub> kW	380 V I <sub>u</sub> A	400 V I <sub>u</sub> A			420 V I <sub>u</sub> A	n <sub>N</sub> min <sup>-1</sup>							
DM-IP23	160 M	4	11.0	23.2	22.0	21.0	1450	0.82	88.5	89.4	72.5	6.5	2.0	2.3	66.0	0.1220	140
DM-IP23	160 L	4	15.0	31.6	30.0	28.6	1460	0.83	89.5	90.2	98.1	6.5	2.0	2.5	66.0	0.1280	142
DM-IP23	160 Lx	4	18.5	37.9	26.0	34.3	1460	0.83	90.6	91.3	121	6.5	2.0	2.5	66.0	0.1300	154
DM-IP23	180 M	4	22.0	41.8	39.7	37.8	1460	0.88	91.5	91.8	144	7.5	2.7	3.2	67.0	0.2240	206
DM-IP23	180 L	4	30.0	56.8	54.0	51.4	1455	0.88	91.8	92.3	197	7.5	2.7	3.2	67.0	0.2660	226
DM-IP23	200 M	4	37.0	71.5	67.9	64.7	1465	0.86	91.8	92.0	241	6.5	2.1	2.6	68.0	0.4200	297
DM-IP23	200 L	4	45.0	86.8	82.5	78.6	1465	0.86	91.9	92.3	293	6.5	2.1	2.6	68.0	0.5200	311
DM-IP23	225 M	4	55.0	103	97.5	92.9	1470	0.88	93.0	93.3	357	7.2	2.3	3.0	70.0	0.6100	389
DM-IP23	250 S	4	75.0	1.9	132	126	1475	0.88	93.1	93.4	486	7.2	2.4	3.0	73.0	1.1400	524
DM-IP23	250 M	4	90.0	164	156	149	1475	0.89	93.5	93.8	583	7.5	2.4	3.0	73.0	1.3300	551
DM-IP23	280 S	4	110	209	199	190	1475	0.86	94.5	94.9	712	7.4	2.6	3.2	74.0	1.7640	835
DM-IP23	280 M	4	132	251	238	227	1470	0.86	93.2	93.4	858	7.0	2.4	3.0	74.0	3.2120	842
DM-IP23	315 <sup>(A)</sup> S	4	160	299	284	270	1480	0.87	95.0	95.1	1032	6.2	1.7	2.5	81.0	3.0740	968
DM-IP23	315 <sup>(A)</sup> M	4	200	373	354	337	1480	0.87	95.3	95.5	1291	6.2	1.7	2.5	81.0	3.7440	1064
DM-IP23	315 <sup>(A)</sup> Mx	-															
DM-IP23	315 <sup>(A)</sup> La	4	250	158	435	414	1480	0.88	95.4	95.7	1613	6.2	1.7	2.5	82.0	4.4810	1165
DM-IP23	315 <sup>(A)</sup> Lb	4	280	518	492	469	1480	0.87	95.5	95.9	1807	6.0	1.6	2.4	82.0	4.8610	1205
DM-IP23	315 <sup>(A)</sup> Lx	4	315	576	547	521	1480	0.88	95.8	96.1	2033	6.5	1.8	2.6	83.0	5.1260	1364
DM-IP23	315 <sup>(B)</sup> Ly	4	355	656	623	593	1480	0.87	95.9	96.0	2291	7.0	1.9	2.8	83.0	6.0900	1498
DM-IP23	315 <sup>(B)</sup> Xia	-															
DM-IP23	315 <sup>(B)</sup> Xib	4	400	747	710	676	1480	0.86	95.8	96.2	2581	6.7	1.6	2.4	83.0	6.2110	1506
DM-IP23	355 S	-															
DM-IP23	355 M	4	450														
DM-IP23	355 Mx	4	500	899	854	813	1485	0.88	96.0	95.7	3215	6.0	1.4	2.3	84.0	9.1700	1790
DM-IP23	355 My	4	560	1006	956	910	1485	0.88	96.1	95.8	3601	6.0	1.4	2.3	84.0	10.490	1945
DM-IP23	355 L	4	630	1131	1074	1023	1485	0.88	96.2	95.9	4052	6.5	1.6	2.5	84.0	12.080	2095
DM-IP23	355 Lx	4	710	1273	1209	1151	1485	0.88	96.3	96.0	4566	6.5	1.6	2.5	84.0	14.210	2130

<sup>(A)</sup> = DM1-IP23 size 315, motor frame type A; <sup>(B)</sup> = DM1-IP23 size 315, motor frame type B;