

<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	2	15.0	29.5	28.0	26.7	2930	0.89	89.3	89.9	48.9	7.0	2.0	2.3	72.0	0.0670	132
DM-IP23	160 L	2	18.5	35.1	33.3	31.7	2930	0.89	90.9	91.7	60.3	7.5	2.1	2.5	72.0	0.0680	141
DM-IP23	160 Lx	2	22.0	41.6	39.5	37.6	2930	0.89	91.2	92.1	71.7	7.9	2.1	2.5	72.0	0.0700	152
DM-IP23	180 M	2	30.0	56.8	54.0	51.4	2935	0.89	90.7	90.8	97.6	7.0	2.2	2.8	77.0	1.1250	210
DM-IP23	180 L	2	37.0	66.3	63.0	60.0	2940	0.89	91.7	91.1	120	7.0	2.2	2.8	77.0	0.1350	222
DM-IP23	200 M	2	45.0	83.7	79.5	75.7	2945	0.89	91.9	92.2	146	7.0	2.1	2.7	81.0	0.2000	285
DM-IP23	200 L	2	55.0	104	98.4	93.7	2945	0.88	91.4	91.5	178	7.0	2.1	2.7	81.0	0.2200	297
DM-IP23	225 M	2	75.0	139	132	126	2950	0.89	92.5	92.7	243	7.5	2.1	2.8	82.0	0.3000	367
DM-IP23	250 S	2	90.0	163	155	148	2960	0.90	93.8	93.7	290	7.8	2.4	3.0	83.0	0.5700	507
DM-IP23	250 M	2	110	197	187	178	2965	0.90	94.4	94.5	354	7.8	2.4	3.0	83.0	0.6700	543
DM-IP23	280 S	-															
DM-IP23	280 M	2	132	243	231	220	2960	0.88	93.9	94.0	426	7.5	2.2	3.0	83.0	0.7930	700
DM-IP23	315 <sup>(A)</sup> S	2	160	289	275	262	2970	0.89	94.6	94.3	514	6.5	1.6	2.8	84.0	1.5922	942
DM-IP23	315 <sup>(A)</sup> M	2	200	363	345	329	2965	0.89	94.9	95.0	644	7.2	1.6	2.8	84.0	1.7510	970
DM-IP23	315 <sup>(A)</sup> Mx	-															
DM-IP23	315 <sup>(A)</sup> La	2	250	452	429	409	2965	0.89	95.1	95.4	805	7.2	1.6	2.8	84.0	1.9350	1035
DM-IP23	315 <sup>(A)</sup> Lb	2	280	500	475	452	2970	0.90	95.3	95.4	900	7.0	1.8	2.8	84.0	2.1770	1084
DM-IP23	315 <sup>(A)</sup> Lx	2	315	591	561	534	2970	0.90	95.6	95.6	1013	7.0	1.9	3.0	85.0	2.5030	1180
DM-IP23	315 <sup>(B)</sup> Ly	2	355	621	590	562	2965	0.91	95.4	95.7	1143	7.0	1.5	2.1	85.0	2.6290	1286
DM-IP23	315 <sup>(B)</sup> Xia	2	400	699	664	632	2970	0.91	95.8	95.9	1286	7.0	1.8	3.0	85.0	2.9970	1350
DM-IP23	315 <sup>(B)</sup> Xib	2	450	787	748	712	2970	0.91	96.0	96.4	1447	7.0	1.5	2.1	85.0	3.1450	1420
DM-IP23	355 S	-															
DM-IP23	355 M	2	500	858	815	776	2970	0.92	96.2	95.9	1608	6.5	1.3	2.7	86.0	4.5000	1620
DM-IP23	355 Mx	2	560	959	911	868	2975	0.92	96.4	96.1	1798	6.5	1.7	2.6	86.0	5.0000	1780
DM-IP23	355 My	-															
DM-IP23	355 L	2	630	1078	1024	975	2975	0.92	96.5	96.2	2022	6.5	1.3	2.7	86.0	5.3400	1855
DM-IP23	355 Lx	2	710	1215	1154	1099	2975	0.92	96.6	96.3	2279	6.5	1.3	2.7	86.0	6.0100	1880

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