

AmTecs Motors Motor type DM-IP23 = CAST IRON Open drip proof (IP23) 230/400V - 50Hz 400/690V - 50Hz Frame size EN60034-1 (IEC-DIN)			Rated output power P_N kW	Rated current at			Full-load speed rpm n _N min ⁻¹	Full-load power factor cos φ	Full-load efficiency		Full-load torque M _N	Starting current I _s /I _N	Starting torque M _s /M _N	Pull-out torque M _k /M _N	Sound pressure level dB(A) 1 metre (no load)	Moment of Inertia J=¼GD ² Kgm ²	Weight foot mounted kg
				380 V I _u A	400 V I _u A	420 V I _u A			100% η %	75% η %							
DM-IP23	160 M	-															
DM-IP23	160 L	-															
DM-IP23	160 Lx	-															
DM-IP23	180 M	8	11.0	26.3	25.0	23.8	715	0.76	84.0	83.7	147	4.5	1.8	2.5	62.0	0.2200	185
DM-IP23	180 L	8	15.0	34.7	33.0	31.4	715	0.77	84.5	84.2	200	4.5	1.9	2.6	62.0	0.2600	200
DM-IP23	200 M	8	18.5	43.2	41.0	39.0	720	0.77	84.5	84.2	245	5.1	2.0	2.6	63.0	0.3400	240
DM-IP23	200 L	8	22.0	50.5	48.0	45.7	720	0.77	86.0	85.7	292	5.2	2.1	2.8	63.0	0.3700	260
DM-IP23	225 M	8	30.0	67.4	64.0	61.0	725	0.77	88.0	87.7	395	5.2	2.1	2.7	64.0	0.6400	355
DM-IP23	250 S	8	37.0	83.2	79.0	75.2	730	0.77	88.1	87.8	484	4.9	2.1	2.6	65.0	0.8500	420
DM-IP23	250 M	8	45.0	101	96.0	91.4	730	0.77	88.3	88.0	589	5.1	2.2	2.7	65.0	0.9200	440
DM-IP23	280 S	8	55.0	118	112	107	730	0.78	90.5	90.2	720	5.7	2.1	2.8	67.0	1.4210	675
DM-IP23	280 M	8	75.0	163	155	148	730	0.77	90.7	90.4	981	5.9	2.1	2.9	67.0	1.8530	745
DM-IP23	315 ^(A) S	8	90.0	188	179	170	735	0.79	92.0	91.7	1169	5.6	1.5	2.3	68.0	3.9560	955
DM-IP23	315 ^(A) M	8	110	226	215	205	735	0.80	92.5	92.2	1429	5.7	1.4	2.3	68.0	5.1250	1120
DM-IP23	315 ^(A) Mx	8	132	267	254	242	735	0.81	92.8	92.5	1715	5.2	1.6	2.3	68.0	5.9830	1250
DM-IP23	315 ^(A) La	8	160	315	299	285	735	0.83	93.0	92.7	2079	5.8	1.6	2.4	68.0	6.8650	1385
DM-IP23	315 ^(A) Lb	-															
DM-IP23	315 ^(A) Lx	8	200	396	376	358	735	0.82	93.5	93.2	2599	5.3	1.3	2.2	72.0	7.8950	1420
DM-IP23	315 ^(B) Ly	8	225	444	422	402	735	0.82	93.7	93.4	2923	5.9	1.5	2.5	72.0	8.3540	1465
DM-IP23	315 ^(B) Xia	-															
DM-IP23	315 ^(B) Xib	-															
DM-IP23	355 S	-															
DM-IP23	355 M	8	250	525	499	475	740	0.77	94.0	93.7	3226	5.0	1.4	2.0	73.0	9.5400	1760
DM-IP23	355 Mx	8	280	584	555	529	740	0.77	94.5	94.2	3614	5.0	1.4	2.0	73.0	10.970	1925
DM-IP23	355 My	-															
DM-IP23	355 L	8	315	641	609	580	740	0.79	94.5	94.2	4065	5.0	1.4	2.0	73.0	12.510	2080
DM-IP23	355 Lx	-															

^(A) = DM1-IP23 size 315, motor frame type A; ^(B) = DM1-IP23 size 315, motor frame type B;