

AM2 (Cast Iron) : 6 – Pole – 750 min⁻¹

AmTecs Motors Motor type AM2 = CAST IRON series 2 230/400V - 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 100% η %	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 Kg·m ²	Weight foot mounted kg
				380 V I _u A	400 V I _u A	420 V I _u A										
AM2	71 K	6	0.18													
AM2	71 G	6	0.25													
AM2-HO	71 Gx	6*	0.37													
AM2-HO	71 Gy	6*	0.55													
AM2	80 K	6	0.37													
AM2	80 G	6	0.55													
AM2-HO	80 Gx	6*	0.75													
AM2-HO	80 Gy	6*	1.10													
AM2	90 S	6	0.75	2.29	2.18	2.07	920	0.72	69	7.78	5.5	2.0	2.1	64	0.0029	23
AM2	90 L	6	1.10	3.18	3.02	2.87	925	0.73	72	11.35	5.5	2.0	2.1	64	0.0035	25
AM2-HO	90 Lx	6*	1.50													
AM2	100 L	6	1.50	4.05	3.85	3.66	945	0.75	76	15.15	5.5	2.0	2.1	68	0.0069	33
AM2-HO	100 Lx	6*	2.20													
AM2	100 Ly	-														
AM2	100 Lz	-														
AM2	112 M	6	2.20	5.64	5.36	5.1	955	0.76	79	22	6.5	2.0	2.1	72	0.0138	45
AM2-HO	112 Mx	6*	3.00													
AM2-HO	112 My	6*	4.00													
AM2	132 S	6	3.00	7.59	7.21	6.86	960	0.76	81	29.84	6.5	2.1	2.1	76	0.0286	63
AM2	132 Sx	-														
AM2	132 M	6	4.00	9.93	9.44	8.99	960	0.76	82	39.79	6.5	2.1	2.1	76	0.0357	73
AM2	132 Mx	6	5.50	13.08	12.42	11.82	960	0.77	84	54.71	6.5	2.1	2.1	76	0.0449	84
AM2-HO	132 My	6*	7.50													
AM2	160 M	6	7.50	17.26	16.4	15.61	970	0.77	86	73.84	6.5	2.0	2.1	80	0.0881	119
AM2	160 Mx	-														
AM2	160 L	6	11.0	24.52	23.3	22.19	970	0.78	87.5	108.29	6.5	2.0	2.1	80	0.12	147
AM2-HO	160 Lx	6*	15.0													
AM2	180 M	-														
AM2	180 L	6	15.0	31.57	30	28.57	970	0.81	89.0	147.68	7.0	2.0	2.1	79	0.207	195
AM2-HO	180 Lx	6*	18.5													
AM2-HO	180 Ly	6*	22.0													
AM2	200 L	6	18.5	38.52	36.6	34.85	970	0.81	90.0	182.13	7.0	2.1	2.1	82	0.315	220
AM2	200 Lx	6	22.0	44.73	42.5	40.47	970	0.83	90.0	216.59	7.0	2.1	2.1	82	0.36	250
AM2-HO	200 Ly	6*	30.0													
AM2-HO	200 Lz	6*	37.0													
AM2	225 S	-														
AM2	225 M	6	30.0	59.26	56.3	53.61	980	0.84	91.5	292.34	7.0	2.0	2.1	82	0.547	292
AM2-HO	225 Mx	6*	37.0													
AM2	250 M	6	37.0	71.05	67.5	64.28	980	0.86	92	360.56	7.0	2.1	2.1	84	0.834	408
AM2-HO	250 Mx	6*	45.0													
AM2-HO	250 My	6*	55.0													
AM2	280 S	6	45.0	86	81.7	77.8	980	0.86	92.5	438.52	7.0	2.1	2.0	85	1.39	536
AM2	280 M	6	55.0	104.73	99.5	94.76	980	0.86	92.8	535.96	7.0	2.1	2.0	85	1.65	595
AM2-HO	280 Mx	6*	75.0													
AM2-HO	280 My	6*	90.0													
AM2	315 S	6	75.0	141.68	134.6	128.19	990	0.86	93.5	723.48	7.0	2.0	2.0	90	4.11	990
AM2	315 M	6	90.0	169.57	161.1	153.42	990	0.86	93.8	868.18	7.0	2.0	2.0	90	4.28	1080
AM2	315 L	6	110	206.42	196.1	186.76	990	0.86	94.0	1061.11	6.7	2.0	2.0	90	5.45	1150
AM2	315 Lx	6	132	244.73	232.5	221.42	990	0.87	94.2	1273.33	6.7	2.0	2.0	89	6.12	1210
AM2	355 M	6	160	239.68	227.7	216.85	990	0.88	94.5	1543.43	6.7	1.9	2.0	96	8.85	1600
AM2	355 Mx	6	180													
AM2	355 My	6	200	364.63	346.4	329.9	990	0.88	94.7	1929.29	6.7	1.9	2.0	96	9.55	1700
AM2	355 L	6	225													
AM2	355 Lx	6	250	454.84	432.1	411.52	990	0.88	94.9	2411.61	6.7	1.9	2.0	96	10.63	1800
AM2	355 Ly	6	280													

*High output motors, not IEC, Isolation Class F-F