

AM2 (Cast Iron) : 4 – Pole – 1500 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	Full-load power factor	Full-load efficiency	Full-load torque	Starting current	Starting torque	Pull-out torque	Sound pressure level	Moment of inertia J=¼GD ²	Weight foot mounted
				380 V I _u A	400 V I _u A	420 V I _u A	n _N min ⁻¹	cos φ	100% η %	M _N	I _S /I _N	M _S /M _N	M _K /M _N	dB(A) 1 metre (no load)	Kgm ²	kg
AM2	71 K	4	0.25													
AM2	71 G	4	0.37													
AM2-HO	71 Gx	4*	0.55													
AM2-HO	71 Gy	4*	0.75													
AM2	80 K	4	0.55	1.66	1.58	1.50	1370	0.75	71.0	3.83	5.2	2.4	2.3	63	0.0018	17
AM2	80 G	4	0.75	2.03	1.93	1.83	1380	0.76	73.0	5.19	6.0	2.3	2.3	63	0.0021	18
AM2-HO	80 Gx	4*	1.10													
AM2-HO	80 Gy	4*	1.50													
AM2	90 S	4	1.10	2.78	2.64	2.51	1400	0.77	75.0	7.5	6.0	2.3	2.3	66	0.0021	22
AM2	90 L	4	1.50	3.63	3.45	3.28	1400	0.79	78.0	10.23	6.0	2.3	2.3	66	0.0027	27
AM2-HO	90 Lx	4*	2.20													
AM2	100 L	4	2.20	5.09	4.84	4.60	1420	0.81	80.0	14.79	6.0	2.3	2.3	69	0.0054	34
AM2	100 Lx	4	3.00	6.81	6.47	6.16	1420	0.82	82.0	20.17	7.0	2.3	2.3	69	0.0067	38
AM2-HO	100 Ly	4*	4.00													
AM2	100 Lz	-														
AM2	112 M	4	4.00	8.70	8.26	7.86	1430	0.82	84.0	26.71	7.0	2.3	2.3	70	0.0095	43
AM2-HO	112 Mx	4*	5.50													
AM2-HO	112 My	-														
AM2	132 S	4	5.50	11.61	11.03	10.50	1450	0.83	85.0	36.22	7.0	2.3	2.3	76	0.0214	68
AM2	132 Sx	-														
AM2-HO	132 M	4	7.50	15.41	14.64	13.94	1450	0.84	87.0	49.39	7.0	2.3	2.3	76	0.0296	81
AM2-HO	132 Mx	4*	9.00													
AM2-HO	132 My	4*	11.0													
AM2	160 M	4	11.0	22.63	21.50	20.47	1460	0.84	88.0	71.95	7.0	2.2	2.3	80	0.0747	123
AM2	160 Mx	-														
AM2	160 L	4	15.0	31.68	30.10	28.66	1460	0.85	89.0	98.11	7.5	2.2	2.3	79	0.0918	144
AM2-HO	160 Lx	4*	18.5													
AM2	180 M	4	18.5	36.10	34.30	32.66	1470	0.86	90.5	120.18	7.5	2.2	2.3	80	0.139	182
AM2	180 L	4	22.0	42.73	40.60	38.66	1470	0.86	91.0	142.92	7.5	2.2	2.3	80	0.158	190
AM2-HO	180 Lx	4*	30.0													
AM2	180 Ly	-														
AM2	200 L	4	30.0	57.57	54.70	52.09	1470	0.86	92.0	194.89	7.2	2.2	2.3	83	0.262	270
AM2-HO	200 Lx	4*	37.0													
AM2-HO	200 Ly	4*	45.0													
AM2	200 Lz	-														
AM2	225 S	4	37.0	69.89	66.40	63.23	1480	0.87	92.5	238.75	7.2	2.2	2.3	85	0.406	284
AM2	225 M	4	45.0	84.73	80.50	76.66	1480	0.87	92.8	290.37	7.2	2.2	2.3	84	0.469	320
AM2-HO	225 Mx	4*	55.0													
AM2	250 M	4	55.0	103.3	98.1	93.42	1480	0.87	93.0	354.89	7.2	2.2	2.3	86	0.66	427
AM2HO	250 Mx	4*	75.0													
AM2-HO	250 My	4*	90.0													
AM2	280 S	4	75.0	139.7	132.7	126.4	1480	0.87	93.8	483.95	7.2	2.2	2.3	89	1.12	562
AM2	280 M	4	90.0	166.8	158.5	150.9	1480	0.87	94.2	580.74	7.2	2.2	2.3	89	1.46	667
AM2-HO	280 Mx	4*	110													
AM2-HO	280 My	4*	132													
AM2	315 S	4	110	201.1	191.1	181.9	1490	0.88	94.5	705.03	6.9	2.1	2.2	96	3.11	1000
AM2	315 M	4	132	240.4	228.4	217.5	1490	0.88	94.8	846.04	6.9	2.1	2.2	96	3.62	1100
AM2	315 L	4	160	287.4	273.0	260.0	1490	0.89	94.9	1025.5	6.9	2.1	2.2	100	4.13	1160
AM2	315 Lx	4	200	352.0	334.4	318.5	1490	0.89	95.0	1281.87	6.9	2.1	2.2	100	4.94	1270
AM2	355 M	4	250	442.8	420.7	400.7	1490	0.90	95.3	1602.34	6.9	2.1	2.2	104	5.67	1700
AM2	355 Mx	-														
AM2	355 My	-														
AM2	355 L	4	280													
AM2	355 Lx	4	315	496.0	471.2	448.8	1490	0.90	95.6	2018.95	6.9	2.1	2.2	107	6.66	1850
AM2	355 Ly	4	355													

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