

ME1002 Series Wound DC Motor

Voltage Volts DC	Current AMPS	Speed RPM	Torque NM (Ft Lb)	Power KW (HP)	Efficiency %
48	300	1275	90.25 (66.5)	11.2 (15)	78
	250	1400	70.23 (51.8)	9.7 (13)	81
	220	1520	59 (43.5)	8.6 (11.6)	82
	205	1700	54.11 (39.9)	8.2 (10.9)	83
	180	1780	44.8 (33)	7.2 (9.6)	83
	170	1850	42.38 (31.3)	6.8 (9.0)	83

Voltage Volts DC	Current AMPS	Speed RPM	Torque NM (Ft Lb)	Power KW (HP)	Efficiency %
72	300	1938.4	90.25 (66.5)	18.3 (24.5)	82
	250	2119.2	70.23 (51.8)	15.6 (20.9)	84
	220	2240	59 (43.5)	13.8 (18.5)	86
	205	2329.6	54.11 (39.9)	13.2 (17.7)	88
	180	2472.8	44.8 (33)	11.6 (15.5)	88
	170	2560	42.38 (31.3)	11.4 (15.3)	90

Voltage Volts DC	Current AMPS	Speed RPM	Torque NM (Ft Lb)	Power KW (HP)	Efficiency %
90	300	2423	90.25 (66.5)	22.9 (30.7)	84.8
	250	2649	70.23 (51.8)	19.48 (26.1)	86.6
	220	2800	59 (43.5)	17.3 (23.2)	87.4
	205	2912	54.11 (39.9)	16.5 (22.1)	89.4
	180	3091	44.8 (33)	14.5 (19.4)	89.5
	170	3200	42.38 (31.3)	14.2 (19)	92.8

Voltage Volts DC	Current AMPS	Speed RPM	Torque NM (Ft Lb)	Power KW (HP)	Efficiency %
144	300	3876	90.25 (66.5)	36.6	85
	250	4238	70.23 (51.8)	31.2	87
	220	4480	59 (43.5)	27.7	88
	205	4659	54.11 (39.9)	26.4	90
	180	4945	44.8 (33)	23.2	90
	170	5120	42.38 (31.3)	22.7	93

Note:

Data at 72 and 144 VDC is estimated data. Data at 48 and 90 VDC is actual data taken on a Dynamometer using a hard (constant) voltage supply.