

Taigene Van Door Motor

2008 FRC

Corrected to 12.0V

Data: WPI, 24 Jan 08

Speed (rpm)	Torque (N m)	Torque (in lbs)	Current (A)	Power (wt)	Efficiency	Heat (wt)
0	42.8	360	24.2	0.0	0%	290
3	40.0	354	22.7	13.3	5%	259
6	37.1	329	21.1	24.6	10%	229
10	34.3	303	19.6	34.1	14%	201
13	31.4	278	18.1	41.7	19%	175
16	28.6	253	16.5	47.3	24%	151
19	25.7	227	15.0	51.1	28%	129
22	22.9	202	13.5	53.0	33%	109
25	20.0	177	11.9	53.0	37%	90
29	17.1	152	10.4	51.1	41%	74
32	14.3	126	8.9	47.3	44%	59
35	11.4	101	7.4	41.7	47%	47
38	8.6	76	5.8	34.1	49%	36
41	5.7	51	4.3	24.6	48%	27
44	2.9	25	2.8	13.3	40%	20
48	0.0	0	1.2	0.0	0%	15

Note: CW and CCW rotation data similar (within 2%)