GENERAL PURPOSE MOTORS – NEMA 56
TEFC – SINGLE PHASE

Rated Output		NEMA	Rated Speed	Full Load Current In A		Locked Rotor Current kVA Code	Full Load Torque Tn Lb.ft	Locked Rotor Torque Tl / Tn	Break-down Torque Tb / Tn	Efficiency % of full load			Power Factor % of full load			Service Factor SF	Moment of inertia Wk2 lb.ft2	Approx. Weight *
HP	kW	Frame	rpm	at 115 V	at 230 V					50	75	100	50	75	100			Lb
0.25	0.18	B56	3480	4.60	2.30	N	0.37	2.8	2.9	36.0	45.0	50.0	0.56	0.64	0.70	1.15	0.02373	22
		B56	1750	4.70	2.35	P	0.74	3.6	2.8	45.0	53.0	57.7	0.41	0.50	0.58	1.15	0.05363	20
0.33	0.25	B56	3490	5.70	2.85	N	0.49	3.7	3.2	40.0	49.0	53.0	0.56	0.64	0.70	1.15	0.02776	22
		B56	1750	5.60	2.80	N	0.98	3.4	2.8	49.0	58.0	61.0	0.44	0.53	0.62	1.15	0.06241	22
0.5	0.37	B56	3480	7.60	3.80	L	0.74	3.2	2.8	45.0	52.0	58.0	0.56	0.66	0.73	1.15	0.03156	23
		B56	1750	7.40	3.70	L	1.48	2.9	2.7	56.0	64.0	66.5	0.46	0.57	0.65	1.15	0.08044	25
		D56	1180	7.20	3.60	L	2.20	2.5	3.0	58.0	67.0	71.0	0.47	0.55	0.63	1.15	0.14285	38
0.75	0.55	B56	3490	10.4	5.20	M	1.11	3.0	2.9	52.0	60.0	64.0	0.54	0.64	0.72	1.15	0.03963	26
		B56	1745	10.6	5.30	M	2.23	3.0	2.5	58.5	66.0	68.5	0.47	0.58	0.66	1.15	0.09824	28
		F56H	1170	10.0	5.00	K	3.32	2.3	2.6	59.0	67.0	71.0	0.49	0.59	0.68	1.15	0.17774	42
1	0.75	D56	3500	12.8	6.40	M	1.48	3.2	2.8	55.0	63.0	67.0	0.56	0.67	0.75	1.15	0.05149	32
		D56	1750	14.0	7.00	M	2.96	3.2	2.7	60.0	67.0	70.3	0.45	0.56	0.65	1.15	0.13384	34
		G56H	1150	11.0	5.50	J	4.51	2.4	2.2	64.0	69.0	73.0	0.63	0.72	0.80	1.15	0.21333	49
1.5	1.1	D56*	3480	17.1	8.55	K	2.23	2.5	2.5	62.0	69.0	70.0	0.61	0.72	0.80	1.15	0.05933	35
		F56H	1750	17.4	8.70	K	4.44	2.8	2.6	70.0	75.0	76.5	0.52	0.64	0.72	1.15	0.19554	47
2	1.5	F56H	3480	20.0	10.0	K	2.98	2.7	2.4	69.0	73.0	74.0	0.72	0.81	0.87	1.15	0.07902	44
		G56H	1750	21.0	10.5	K	5.92	2.8	2.5	74.0	78.0	78.1	0.60	0.71	0.78	1.15	0.21333	50
3	2.2	G56H*	3480	26.0	13.0	J	4.47	2.5	2.5	75.0	79.0	80.0	0.82	0.90	0.93	1.15	0.09492	51

* ΔT = 105K

GENERAL PURPOSE MOTORS – NEMA "T" ODP – SINGLE PHASE

Rated Output		NEMA	Rated Speed	Full Load Current In (A)	Locked Rotor Current	Full Load Torque Tn (lb.ft)	Locked Rotor Torque (Tl/Tn)	Break Down Torque (Tb/Tn)	Efficiency			Power Factor			Service Factor SF	Moment of inertia Wk2 lb.ft2	Approx. Weight
									% of full load								
HP	kW	Frame	rpm	at 230V					50	75	100	50	75	100			Lb
3	2.2	182T	3500	16.0	J	6.02	2.4	2.2	68.0	72.0	72.0	0.64	0.74	0.80	1.25	0.18628	86
		184T	1745	21.0	G	10.0	2.4	2.1	81.5	82.5	82.5	0.92	0.94	0.94	1.25	0.26767	98
5	3.7	184T	3500	30.0	G	15.0	2.4	2.3	82.5	84.0	84.0	0.90	0.93	0.95	1.25	0.30588	102
		184T	1745	17.6	L	12.1	2.4	2.3	70.0	74.0	74.0	0.54	0.65	0.73	1.25	0.31798	108
8	5.5	184T	3510	22.0	G	20.1	2.4	2.0	81.0	82.5	82.5	0.82	0.88	0.90	1.25	0.36544	114

GENERAL PURPOSE MOTORS – NEMA "T" TEFC – SINGLE PHASE

Rated Output		NEMA	Rated Speed	Full Load Current In A		Locked Rotor Current kVA Code	Full Load Torque Tn Lb.ft	Locked Rotor Torque Tl / Tn	Breakdown Torque Tb / Tn	Efficiency % of full load			Power Factor % of full load			Service Factor SF	Moment of inertia Wk2 lb.ft2	Approx. Weight
HP	kW	Frame	rpm	at 115 V	at 230 V					50	75	100	50	75	100			Lb
0.5	0.37	143T	3530	7.60	3.80	N	0.73	2.7	2.4	50.0	56.0	60.0	0.56	0.65	0.71	1.15	0.02373	42
1	0.75	143T	3510	12.6	6.30	L	1.48	2.4	2.4	57.0	63.0	67.0	0.62	0.71	0.77	1.15	0.03560	46
		143T	1760	11.2	5.60	L	2.94	2.8	2.7	65.0	72.0	74.0	0.61	0.71	0.79	1.15	0.09255	54
1.5	1.1	143T	3535	15.2	7.60	K	2.20	2.4	2.8	68.0	73.5	76.0	0.70	0.81	0.85	1.15	0.04746	53
		145T	1760	14.4	7.20	L	4.42	2.5	2.9	65.0	72.0	76.0	0.76	0.82	0.87	1.15	0.12340	62
		182T	1180	19.0	9.50	K	6.59	2.2	2.6	60.0	68.0	72.0	0.53	0.62	0.70	1.15	0.34575	88
2	1.5	145T	3530	19.2	9.60	J	2.94	2.7	2.8	72.0	75.5	79.0	0.74	0.84	0.86	1.15	0.05695	55
		145T	1740	19.0	9.50	J	5.96	2.3	2.3	69.0	74.0	76.0	0.75	0.85	0.90	1.15	0.19933	64
		213T	1160	20.0	10.0	K	8.93	2.4	2.3	68.0	75.0	80.0	0.68	0.75	0.80	1.15	0.53155	118
3	2.2	145T	3500	26.8	13.4	J	4.44	2.3	2.5	75.0	79.0	79.5	0.81	0.86	0.90	1.15	0.08068	60
		182T	3490	27.0	13.5	J	4.45	2.6	2.6	75.0	77.0	78.0	0.84	0.88	0.91	1.15	0.15187	87
		184T	1745	26.6	13.3	J	8.91	3.0	2.6	70.0	75.0	78.0	0.82	0.89	0.92	1.15	0.31561	89
		W182/4T	1750	28.0	14.0	J	8.88	2.9	2.4	75.0	79.0	80.0	0.70	0.80	0.85	1.15	0.23730	88
		215T	1165	26.0	13.0	G	13.3	2.3	2.2	71.0	78.0	82.0	0.84	0.89	0.90	1.15	0.61935	162
5	3.7	184T	3500	42.0	21.0	H	7.40	2.8	2.6	79.0	81.0	83.0	0.80	0.88	0.92	1.15	0.19530	102
		184T	1730	42.0	21.0	H	15.0	2.9	2.4	75.0	78.0	80.0	0.86	0.92	0.95	1.15	0.42714	113
		215TZ	1730	42.0	21.0	H	15.0	2.9	2.4	75.0	78.0	80.0	0.86	0.92	0.95	1.15	0.44375	128
		215T	1160	44.0	22.0	H	22.3	2.3	2.3	76.0	81.0	82.0	0.80	0.86	0.88	1.15	1.78450	166
7.5	5.5	184T	3495	61.8	30.9	H	11.1	2.8	2.6	79.0	83.0	84.0	0.82	0.89	0.92	1.15	0.57664	110
		213T	3495	61.8	30.9	H	11.1	2.8	2.6	79.0	83.0	84.0	0.82	0.89	0.92	1.15	0.57664	110
		215TZ	1735	68.0	34.0	H	22.4	3.2	2.5	75.0	80.0	82.0	0.71	0.81	0.86	1.15	0.90649	161
		215T	1735	68.0	34.0	H	22.4	3.2	2.5	75.0	80.0	82.0	0.71	0.81	0.86	1.15	0.90649	157
10	7.5	215T	3520	79.6	39.8	H	14.7	2.1	2.6	81.5	85.1	86.2	0.91	0.93	0.95	1.15	0.57664	157
		215T	1720	80.0	40.0	G	30.1	2.7	2.2	78.0	82.0	83.0	0.93	0.96	0.97	1.15	1.18650	180
12.5	9.2	215T	3520	94.6	47.3	H	18.4	1.6	2.9	86.0	87.5	89.0	0.91	0.93	0.95	1.15	0.75699	176
		215T*	1730	95.6	47.8	G	37.4	2.2	2.4	79.0	84.0	85.3	0.95	0.96	0.98	1.15	1.33363	192

* ΔT 105K