



# ELECTRICAL DATA

## GENERAL PURPOSE MOTORS NEMA 48 & 56 ODP - 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 TI / 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 Lb
HP	kW	Frame	rpm	at 115 V	at 230 V					50	75	100	50	75	100			
0.12	0.09	B48	1750	3.20	1.60	P	0.36	3.4	3.2	33.0	41.0	48.1	0.40	0.46	0.52	1.40	0.02420	17
0.16	0.12	B48	3440	3.10	1.55	M	0.24	3.6	3.0	37.0	43.0	49.9	0.55	0.60	0.69	1.35	0.01281	16
		B48	1740	3.70	1.85	N	0.48	3.6	2.9	38.0	46.5	50.3	0.41	0.48	0.55	1.35	0.02800	18
0.25	0.18	B48	3440	4.30	2.15	M	0.38	3.5	2.8	42.0	50.5	54.7	0.56	0.64	0.68	1.35	0.01495	18
		56	3440	4.30	2.15	M	0.38	3.5	2.8	42.0	50.5	54.7	0.56	0.64	0.68	1.35	0.01495	18
		B48	1740	5.30	2.65	N	0.74	3.2	2.6	40.5	48.5	55.9	0.40	0.48	0.54	1.35	0.03204	19
		56	1740	5.30	2.65	N	0.74	3.2	2.6	40.5	48.5	55.9	0.40	0.48	0.54	1.35	0.03204	19
0.33	0.25	C48	3480	5.70	2.85	N	0.49	3.8	3.0	46.5	54.1	57.6	0.49	0.59	0.65	1.35	0.01898	21
		C56	3480	5.70	2.85	N	0.49	3.8	3.0	46.5	54.1	57.6	0.49	0.59	0.65	1.35	0.01898	21
		C48	1745	6.60	3.30	N	0.98	3.5	2.8	45.5	53.5	58.2	0.39	0.47	0.55	1.35	0.04010	22
		C56	1745	6.60	3.30	N	0.98	3.5	2.8	45.5	53.5	58.2	0.39	0.47	0.55	1.35	0.04010	22
0.5	0.37	C48	3470	7.20	3.60	L	0.75	3.8	3.0	53.5	60.7	64.4	0.52	0.61	0.69	1.25	0.02326	23
		C56	3470	7.20	3.60	L	0.75	3.8	3.0	53.5	60.7	64.4	0.52	0.61	0.69	1.25	0.02326	23
		C48	1730	8.50	4.25	M	1.50	3.3	2.4	53.0	59.0	61.7	0.43	0.52	0.61	1.25	0.04817	24
		C56	1730	8.50	4.25	M	1.50	3.3	2.4	53.0	59.0	61.7	0.43	0.52	0.61	1.25	0.04817	24
0.75	0.55	B56	3525	10.5	5.25	L	1.10	2.5	2.8	56.5	64.2	67.2	0.52	0.61	0.68	1.25	0.03322	28
		D56	1745	12.0	6.00	M	2.23	2.7	2.6	57.7	65.9	66.7	0.41	0.51	0.60	1.25	0.10702	27
1	0.75	D56	3520	13.6	6.80	M	1.47	2.8	2.9	54.5	62.1	66.3	0.53	0.63	0.71	1.25	0.04153	33
		D56	1740	14.0	7.00	L	2.98	2.7	2.6	64.2	70.0	71.4	0.44	0.56	0.64	1.15	0.13384	32
1.5	1.1	D56	3500	17.8	8.90	L	2.22	2.5	2.4	61.5	67.5	70.0	0.58	0.69	0.77	1.15	0.04983	38
		F56H	1740	20.4	10.2	L	4.47	2.8	2.5	65.5	71.1	71.3	0.46	0.57	0.66	1.15	0.19554	42
2	1.5	F56H	3525	21.9	11.0	M	2.94	2.5	2.8	71.1	76.2	77.9	0.59	0.67	0.75	1.15	0.06644	49
		G56H	1730	28.0	14.0	L	5.99	2.5	2.5	64.3	70.6	71.4	0.42	0.53	0.64	1.00	0.23018	48
3	2.2	G56H	3490	31.0	15.5	K	4.45	2.3	2.4	74.9	77.8	77.4	0.61	0.73	0.80	1.00	0.07214	44

The values shown are subject to change without prior notice. To obtain guaranteed values, please contact our nearest sales office.

MOTOR TECHNICAL DATA