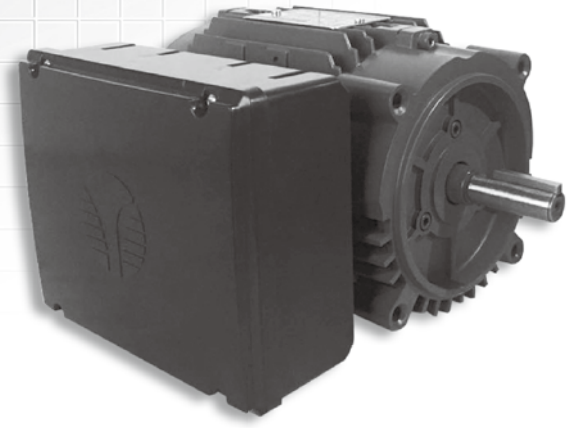
NEMA Single-Phase Motors Aluminum ODP

·1/4HP thru 10HP



STANDARD FEATURES

- 40℃ Ambient Rating
- Aluminum Housing
- Ball bearings
- IP23 Protection
- Removable Feet
- Corrosion Resistant Hardware
- Double Lip Oil Seals

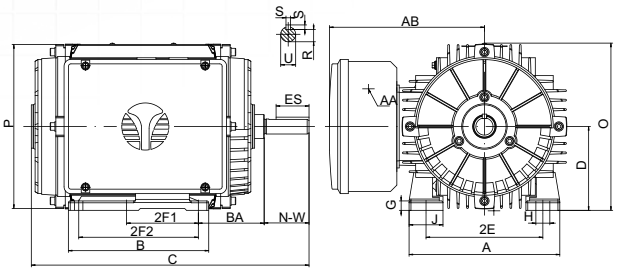


Figure 1 56 thru 210T (Foot Mounting)

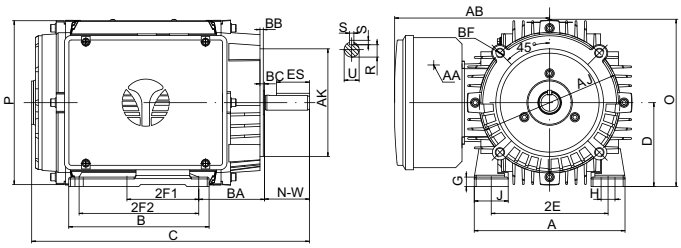


Figure 2 56 thru 140T (C- Face)

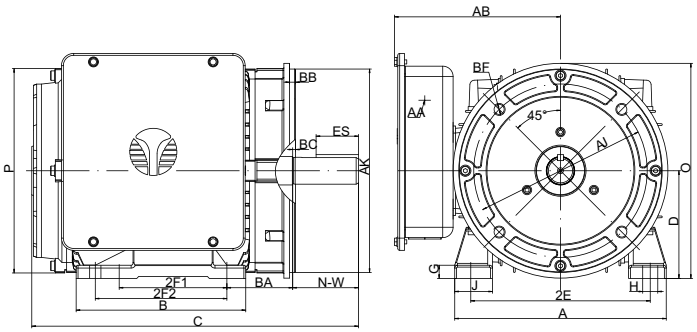


Figure 3 180T、210T (C- Face)

Overall & Installation Dimensions

Frame	Foot Mounting								Shaft					General						Bearings		C-Face				
	A	B	D	2E	2F1	2F2	BA	H	U	N-W	R	ES	S	AA	G	J	AB	O	P	DE	NDE	AJ	AK	BB	BC	BF
56	6.3	3.95	3.5	4.88	3		2.75	0.73×0.335	0.625	1.875	0.517	1.375	0.1875	1/2-14NPT、3/4-14NPT	0.43	1.37	6.05	6.6	6.2	6204	6203	5.875	4.5	0.16	-0.19	4×3/8-16UNC
56H	6.3	5.9	3.5	4.88	3	5	2.75	0.58×0.335	0.625	1.875	0.517	1.375	0.1875	1/2-14NPT、3/4-14NPT	0.39	1.41	6.5	7.0	6.95	6205	6204	5.875	4.5	0.16	-0.19	4×3/8-16UNC
140T	6.9	5.86	3.5	5.5	4	5	2.25	0.50×0.35	0.875	2.25	0.771	1.375	0.1875	1/2-14NPT、3/4-14NPT	0.47	1.41	6.5	7.0	6.95	6205	6204	5.875	4.5	0.16	0.12	4×3/8-16UNC
180T	8.85	7.1	4.5	7.5	4.5	5.5	2.75	0.59×0.433	1.125	2.75	0.986	1.75	0.25	ϕ1.11、ϕ1.33	0.55	1.57	6.95	8.85	8.65	6306	6206	7.25	8.5	0.25	0.12	4×1/2-13UNC
210T	10.3	8.85	5.25	8.5	5.5	7	3.5	0.59×0.433	1.375	3.375	1.201	2.41	0.312	ϕ1.11、ϕ1.33	0.63	1.73	8.13	10.4	10.3	6308	6208	7.25	8.5	0.25	0.25	4×1/2-13UNC

NEMA ODP Single-Phase Motors Technical Data

HP	Full Load Speed, RPM	Frame Size	EFF. 100% FL	Power Factor 100% FL	IFL 230V A	Full Load Torque Lb-Ft	Moment Of Inertia Lb-Ft Squared	Locked Rotor		TST TFL	TM TFL	Service Factor	Dim "C"
								KVA Code	Il/In				
1/4	3530	48、56	66.6	92	1.28	0.36	0.0121	N	9.60	3	2.6	1.15	10.0
	1735	48、56	68.5	86	1.33	0.73	0.0208	M	8.50	3.1	2.7	1.15	10.0
1/3	3530	48、56	70.5	92	1.68	0.5	0.0134	M	9.50	3	2.6	1.15	10.0
	1735	48、56	72.4	86	1.75	1.01	0.0268	L	7.90	3.1	2.7	1.15	10.0
1/2	3530	48、56	72.4	93	2.39	0.74	0.0161	M	9.40	3	2.6	1.15	10.0
	1730	48、56	76.2	88	2.40	1.51	0.0327	K	8.10	3.1	2.7	1.15	11.5
3/4	3530	48、56	76.2	93	3.37	1.10	0.0202	L	8.90	3	2.6	1.15	11.5
	1730	56H	81.8	90	3.25	2.24	0.0619	K	8.10	3	2.5	1.15	11.6
		140T											11.7
1	3530	56H	80.4	95	4.27	1.50	0.0320	L	8.9	3.3	2.6	1.15	11.6
		140T											11.7
	1740	56H	82.6	90	4.39	3.04	0.0750	K	7.8	3	2.4	1.15	12.8
		140T											12.9
1.5	3530	56H	81.5	95	6.18	2.20	0.0377	K	8.5	3.3	2.6	1.15	12.8
		140T											12.9
	1740	56H	83.8	92	6.20	4.45	0.0949	H	6.9	2.8	2.3	1.15	14.8
		140T											14.9
2	3530	56H	82.9	95	8.28	2.99	0.0413	K	8.4	3.1	2.5	1.15	12.8
		140T											12.9
	1735	56H	84.5	92	8.39	6.09	0.1080	H	6.4	2.6	2.2	1.15	14.8
		140T											14.9
3	3530	56H	84.1	96	11.8	4.39	0.0484	J	8.4	3.1	2.5	1.15	14.8
		140T											14.9
	3530	180T	80.0	96	12.5	4.39	0.1139	H	7.5	3.5	2.2	1.15	13.8
	1740	180T	82.5	94	12.3	8.91	0.2397	H	7.0	3.5	2.4	1.15	13.8
5	3530	180T	82.0	96	20.4	7.38	0.1360	H	7.0	3.5	2.2	1.15	13.8
	1740	180T	84.0	94	20.4	14.98	0.3037	G	6.4	3.2	2.2	1.15	16.1
7.5	3530	210T	84.5	98	28.9	10.98	0.3417	H	7.6	3.5	2.2	1.15	16.6
	1750	210T	82.0	96	30.4	22.14	0.9255	H	7.0	3	2.4	1.15	16.6
10	3530	210T	86.0	98	38.7	14.97	0.4438	H	8.0	3.5	2.2	1.15	16.6
	1750	210T	83.5	96	40.7	30.19	1.1106	H	7.6	2.8	2.2	1.15	19.0