



TECHDRIVE
智慧传动专业制造商

浙江华年股份有限公司
ZheJiang WaLand Electrical Motor Co., LTD

不锈钢电动机

STAINLESS STEEL MOTOR



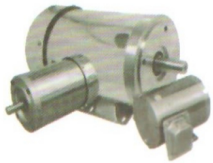
YOUR BEST SOURCE OF
NEMA STAINLESS STEEL MOTOR

您最好的不锈钢电机选择

○ 高效率电机技术参数

HIGH EFFICIENCY PERFORMANCE DATA

TEFC&TENV



Premium Efficiency



JM Motors



Picker Motors



HP	Frame	Full Load RPM	Service Factor	Efficiency %	Power Factor	Amps@460V		Full Load Torque (lb-ft)	Locked Rotor Torque %	Pull Out Torque %	Approx Weight (lbs)
						Full Load	Locked Rotor				
1/4	56C	1725	1.15	82.5	0.75	0.4	2.3	0.8	220	319	27
1/3	56C	3460	1.15	74.0	0.85	0.6	4.0	0.5	300	409	26
	56C	1725	1.15	82.5	0.71	0.6	3.7	1.0	288	388	27
1/2	56C	3460	1.15	77.0	0.88	0.8	5.5	0.7	275	364	31
	56C	1725	1.15	82.5	0.76	0.8	4.8	1.5	250	347	28
	56C	1155	1.15	80.0	0.63	0.9	6.5	2.2	260	270	31
3/4	56C	3460	1.15	80.0	0.71	1.1	7.5	1.1	241	303	33
	56C	1725	1.15	82.5	0.78	1.1	7.2	2.2	227	320	32
	143TC	1155	1.15	79.0	0.65	1.3	9.0	3.3	250	276	32
1	56C	3470	1.15	80.0	0.72	1.4	10.0	1.5	307	369	37
	56C	1740	1.15	84.0	0.78	1.5	9.8	3.0	240	331	37
	145TC	1165	1.15	80.0	0.68	1.8	12.3	4.4	250	264	43
1 1/2	145TC	3480	1.15	84.0	0.74	2.0	15.6	2.3	267	326	44
	145TC	1740	1.15	84.0	0.83	2.0	13.6	4.4	233	298	44
	182TC	1170	1.15	85.5	0.7	2.5	17.4	6.6	250	270	80
2	145TC	3480	1.15	84.0	0.91	2.4	18.9	2.9	3261	332	51
	145TC	1740	1.15	84.0	0.83	2.6	19.8	5.9	247	323	54
	184TC	1175	1.15	86.5	0.71	3.1	21.0	8.8	245	248	84
3	182TC	3535	1.15	85.5	0.89	4.1	28.0	4.4	208	269	91
	182TC	1765	1.15	87.5	0.81	4.0	29.0	8.8	225	324	84
	213TC	1200	1.15	86.5	0.72	4.8	31.2	17.6	230	300	160
5	184TC	3525	1.15	87.5	0.91	5.9	46.0	7.3	216	255	109
	184TC	1765	1.15	87.5	0.86	6.3	40.5	14.7	202	256	101
	215TC	1200	1.15	86.5	0.73	8.0	48.8	29.4	232	270	195
7.5	213TC	3520	1.15	88.5	0.85	9.4	63.0	11.1	200	265	161
	213TC	1755	1.15	89.5	0.85	9.3	63.0	22.2	220	383	156
	215TC	3525	1.15	89.5	0.87	12.2	81.0	14.7	200	287	180
10	215TC	1760	1.15	89.5	0.85	12.2	81.0	29.4	230	389	170
	254TC	3540	1.15	91.0	0.9	18.5	116.0	21.9	200	260	237
	254TC	1765	1.15	92.4	0.88	18.5	116.0	43.8	200	250	254
15	256TC	6540	1.15	91.0	0.9	23.0	145.0	29.1	200	250	289
	256TC	1765	1.15	93.0	0.88	24.5	145.0	58.3	200	250	301

1/4	56C	1725	1.15	82.5	0.75	0.4	2.3	0.8	220	319	27
1/3	56C	3460	1.15	74.0	0.85	0.6	4.0	0.5	300	409	26
	56C	1725	1.15	82.5	0.71	0.6	3.7	1.0	288	388	27
1/2	56C	3460	1.15	77.0	0.88	0.8	5.5	0.7	275	364	31
	56C	1725	1.15	82.5	0.76	0.8	4.8	1.5	250	347	28
	56C	1155	1.15	80.0	0.63	0.9	6.5	2.2	260	270	31
3/4	56C	3460	1.15	80.0	0.90	1.1	7.5	1.1	241	303	33
	56C	1725	1.15	82.5	0.78	1.1	7.2	2.2	227	320	32
	143TC	1155	1.15	79.0	0.65	1.3	9.0	3.3	250	276	32
1	56C	3470	1.15	72.0	0.67	1.4	10.0	1.5	307	369	37
	56C	1725	1.15	72.0	0.72	1.5	9.8	3.0	240	331	37
1 1/2	145TC	1725	1.15	72.0	0.67	1.8	12.3	4.4	250	264	43

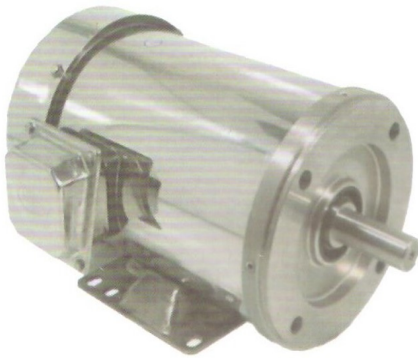
PICKER DUTY MOTOR-TEFC FOOT MOUNT **F.O.Conduit Location

3	145T	1745	1.15	87.5	0.81	4.0	32.0	8.9	270	383	64
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ADDITIONAL RATING

1	56HCT	1200	1.15	80.0	0.68	1.75	12.3	4.4	250	264	44
2	56HCT	3600	1.15	80.0	0.72	1.4	10	1.5	307	369	51
	56HCT	1740	1.15	84.0	0.83	2.6	19.8	5.9	247	323	54
3	56HCT	1800	1.15	85.5	0.89	4.05	28	4.4	208	269	65

JM MOTORS ARE ARE AVAILABLE IN 2 POLE AND 4 POLE



FEATURES

Three Phase, 50/60Hz, 208-230/460V

NEMA Design B or C, Squirrel Cage

Premium Efficiency

TEFC, TENV Class F Insulation

40°C Ambient Continuous Duty

T-Drain plug included

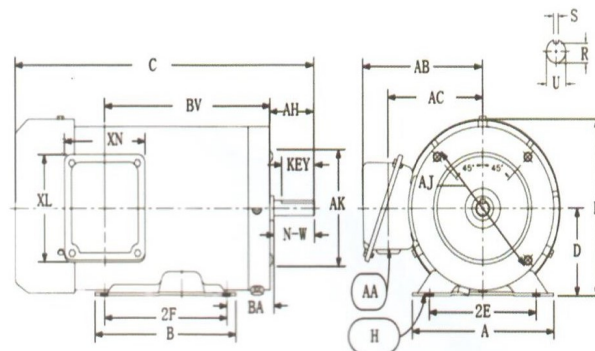
额外性能电机技术参数

PREMIUM EFFICIENCY PERFORMANCE DATA

HP	Frame	Full Load RPM	Service Factor	Efficiency %	Power Factor	Amps@460V		Full Load Torque (lb-ft)	Locked Rotor Torque %	Pull Out Torque %	Approx Weight (lbs)	Enclos
						Full Load	Locked Rotor					
1/4	56C	1725	1.15	82.5	0.75	0.4	2.3	0.11	219.78	330	28	TEFC
1/3	56C	3460	1.15	78.0	0.82	0.5	3.8	0.11	220	409	32	TEFC
	56C	1725	1.15	82.5	0.71	0.6	3.7	0.15	295	405	28	TEFC
1/2	56C	3460	1.15	79.0	0.86	0.8	5.2	0.12	225	339	33	TEFC
	56C	1725	1.15	82.5	0.76	0.8	4.6	0.23	260	380	29	TEFC
	56C	1155	1.15	80.0	0.63	0.9	5.5	0.3	260	310	33	TEFC
3/4	56C	3460	1.15	81.0	0.85	1.0	7.2	0.17	230	320	35	TEFC
	56C	1725	1.15	82.5	0.78	1.1	7.0	0.34	270	385	34	TEFC
	143TC	1155	1.15	79.0	0.65	1.2	6.0	0.51	260	330	34	TEFC
1	56C	3470	1.15	80.0	0.83	1.4	9.8	0.23	235	325	39	TEFC
	56C	1740	1.15	85.5	0.78	1.4	9.6	0.46	235	310	39	TEFC
	145TC	1165	1.15	82.5	0.71	1.6	12.0	0.68	258	312	45	TEFC
1 1/2	145TC	3480	1.15	84.0	0.89	1.8	14.8	0.34	265	330	46	TEFC
	182TC	1740	1.15	86.0	0.82	1.9	13.6	0.68	245	303	47	TEFC
	145TC	1170	1.15	87.5	0.64	2.5	16.5	1.0	255	290	84	TEFC
2	145TC	3480	1.15	85.5	0.91	2.4	18.2	0.46	260	335	54	TEFC
	182TC	1740	1.15	86.5	0.81	2.6	18.8	0.92	248	332	57	TEFC
	145TC	1175	1.15	88.5	0.66	3.1	20.2	1.36	250	290	88	TEFC
3	182TC	3535	1.15	86.5	0.88	3.6	26.6	0.68	240	282	70	TEFC
	182TC	1765	1.15	89.5	0.81	3.8	26.8	1.36	245	290	77	TEFC
5	184TC	3525	1.15	88.5	0.89	5.8	44.3	1.13	236	275	114	TEFC
	184TC	1765	1.15	89.5	0.73	7.0	49.2	2.27	240	285	106	TEFC
7.5	213TC	3520	1.15	89.5	0.85	9.0	62.8	1.72	232	275	169	TEFC
	213TC	1755	1.15	91.7	0.8	9.5	66.5	3.41	238	290	164	TEFC
10	215TC	3525	1.15	90.2	0.85	12.0	78.2	2.26	210	260	189	TEFC
	215TC	1760	1.15	91.7	0.83	12.2	79.5	4.54	235	280	179	TEFC
15	254TC	3540	1.15	91.0	0.85	18.5	116.0	3.4	220	270	249	TEFC
	254TC	1765	1.15	92.4	0.82	18.5	116.0	6.8	230	265	267	TEFC
20	256TC	6540	1.15	91.0	0.85	23.0	145.0	4.5	220	270	281	TEFC
	256TC	1765	1.15	93.0	0.82	24.5	145.0	6.8	230	265	316	TEFC

○ 尺寸参数

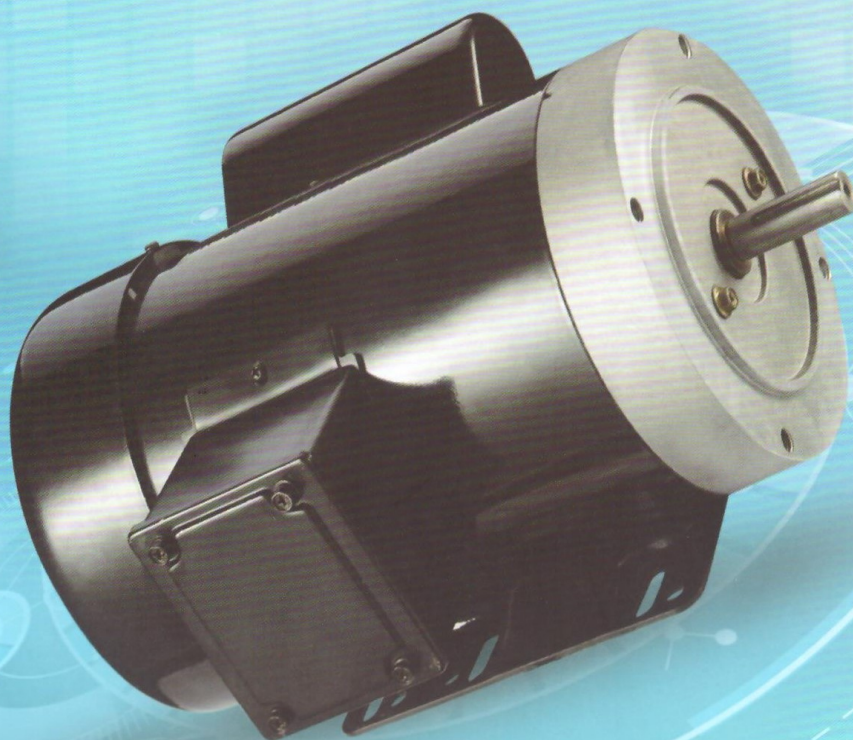
DIMENSIONAL DATA



HP	RPM	Frame	Frame Mounting				Conduit Box	Motor Dimensions						Shaft Extension, Key Seat	Flange	
			E	2F	H	BA		AB	A	B	C	D	G		P	N-W
1/3	3600	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	11.6	3.5	0.118	6.5	1.88	5.875	4.5
	1800	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	11.6	3.5	0.118	6.5	1.88	5.875	4.5
	3600	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	11.6	3.5	0.118	6.5	1.88	5.875	4.5
1/2	1800	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	11.6	3.5	0.118	6.5	1.88	5.875	4.5
	1200	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	1.88	5.875	4.5
	3600	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	1.88	5.875	4.5
3/4	1800	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	1.88	5.875	4.5
	1200	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	1.88	5.875	4.5
1	3600	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	2.25	5.875	4.5
	1800	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	2.25	5.875	4.5
	1800	143TC	2.75	3	1.22*0.34	2.75	5.75	6.5	6.5	13.9	3.5	0.118	6.5	1.88	5.875	4.5
	1200	145TC	3.75	3	1.22*0.34	2.75	5.75	6.5	6.5	12.7	3.5	0.118	6.5	2.25	5.875	4.5
	3600	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	1.88	5.875	4.5
1 1/2	3600	143TC	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.7	3.5	0.118	6.5	2.25	5.875	4.5
	1800	56C	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	12.6	3.5	0.118	6.5	2.25	5.875	4.5
	1800	145TC	2.75	4	1.22*0.34	2.75	5.75	6.5	6.5	12.7	3.5	0.118	6.5	1.88	5.875	4.5
	1200	184TC	3.75	4.5	0.71*0.47	3.5	7	6.5	6.5	15.3	4.5	0.118	8.85	2.25	7.25	8.5
	3600	145TC	2.44	3	1.22*0.34	2.75	5.75	6.5	6.5	13.9	3.5	0.118	6.5	1.88	5.875	4.5
2	3600	145TC	2.75	4	1.22*0.34	2.75	5.75	8.8	8.8	13.9	3.5	0.118	6.5	2.25	5.875	4.5
	1800	184TC	3.75	4.5	0.71*0.47	3.5	7	8.8	6.5	16.0	4.5	0.118	8.85	2.25	7.25	8.5
	1800	182TC	3.75	4.5	0.71*0.47	3.5	7	8.8	6.5	15.3	4.5	0.118	8.85	2.75	7.25	8.5
3	1200	182TC	3.75	4.5	0.71*0.47	3.5	7	8.8	6.5	15.3	4.5	0.118	8.85	2.75	7.25	8.5
	3600	213TC	4.25	5.5	0.71*0.47	4.25	7.6	10	8.5	19.0	5.25	0.157	10	3.38	7.25	8.5
	1800	184TC	3.75	4.5	0.71*0.47	4.5	7	8.8	6.5	16.0	4.5	0.118	8.85	2.75	7.25	8.5
5	1200	184TC	3.75	4.5	0.71*0.47	4.5	7	8.8	6.5	16.0	4.5	0.118	8.85	2.75	7.25	8.5
	3600	215TC	4.25	5.5	0.71*0.47	5.5	7.6	10	8.5	22.5	5.25	0.157	10	3.38	7.25	8.5
7 1/2	1800	213TC	4.25	5.5	0.71*0.47	5.5	7.6	10	8.5	19.0	5.25	0.157	10	3.38	7.25	8.5
	1200	213TC	4.25	5.5	0.71*0.47	5.5	7.6	10	8.5	19.0	5.25	0.157	10	3.38	7.25	8.5
10	3600	215TC	4.25	5.5	0.71*0.47	5.5	7.6	10	8.5	22.5	5.25	0.157	10	3.38	7.25	8.5
	1800	215TC	4.25	5.5	0.71*0.47	5.5	7.6	10	8.5	22.5	5.25	0.157	10	3.38	7.25	8.5
15	3600	254TC	5	8.25	0.53	8.25	9	12	9.5	23.4	6.25	0.5	12.7	4	7.25	8.5
	1800	254TC	5	8.25	0.53	8.25	9	12	9.5	23.4	6.25	0.5	12.7	4	7.25	8.5
20	3600	256TC	5	10	0.53	10	9	12	11.25	25.1	6.25	0.5	12.7	4	7.25	8.5
	1800	256TC	5	10	0.53	10	9	12	11.25	25.1	6.25	0.5	12.7	4	7.25	8.5

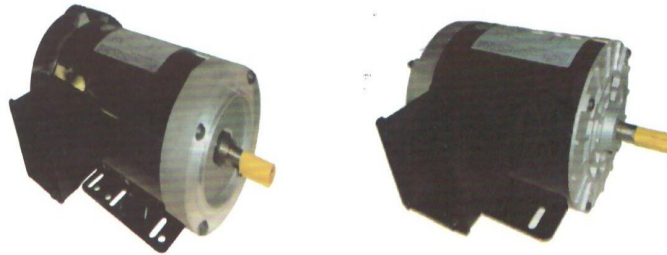
HIGH EFFICIENCY ROLLED STEEL MOTORS 高效卷钢电机

MEET OR EXCEED
NEMA PREMIUM
达到NEMA标准

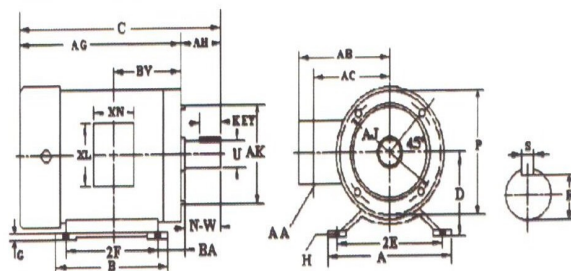


性能参数

PERFORMANCE DATA



HP	Frame	Full Load RPM	Efficient %	Powe Factor	Full Load Amps	Locked Rotor Amps	VAC	LRT/TN	BRT/TN	C Dim in inches	Approx Weight (lbs)	Enclos
1/3	56C	3450	60.0	0.75	1.6-1.5/0.75	4.3	208-230/460	2.7	3.0	12.3	21	TEFC
	56C	1725	68.5	0.60	1.7-1.6/0.8	4.3	208-230/460	2.8	3.6	12.3	21	TEFC
	56C	1165	63.0	0.50	2.4-2.1/1.05	6.3	208-230/460	3.0	3.5	11.1	23	TEFC
1/2	56C	3450	66.5	0.87	2.3-2.2/1.1	4.5	208-230/460	2.0	2.7	12.3	21	TEFC
	56C	1725	74.0	0.64	2.2-2.0/1.0	10.0	208-230/460	3.0	3.5	12.3	24	TEFC
	56C	1160	69.0	0.58	2.8-2.5/1.25	10.0	208-230/460	2.7	3.4	11.1	24	TEFC
3/4	56C	3450	72.5	0.87	3.0-2.9/1.45	6.2	208-230/460	2.1	2.8	12.3	22	TEFC
	56C	1725	76.0	0.60	3.3-3.0/1.5	12.0	208-230/460	2.8	3.4	12.3	25	TEFC
1	56C	3510	76.0	0.80	3.3-3.1/1.55	15.0	208-230/460	2.4	3.2	12.3	25	TEFC
	56C	1725	75.0	0.68	4.0-3.6/1.8	13.0	208-230/460	2.8	3.3	12.3	27	TEFC
1 1/2	56C	3450	79.7	0.88	4.4-4/2	20.0	208-230/460	2.5	3.2	12.3	28	TEFC
	56C	2725	78.2	0.68	5.8-5.2/2.6	20.0	208-230/460	2.8	3.4	12.3	31	TEFC
2	56C	3510	82.1	0.82	6.2-6.0/3	25.0	208-230/460	2.7	3.1	12.3	32	TEFC
	56C	1725	78.9	0.75	6.4-6.2/3.1	25.0	208-230/460	2.7	3.3	13.8	37	TEFC
3	56C	3500	84.0	0.90	9.3-9/4.5	32.0	208-230/460	2.2	3.1	13.8	40	TEFC
1/3	56C	1725	71.2	0.62	1.6-1.5/0.75	4.3	208-230/460	2.8	3.5	11.06	20	ODP
1/2	56C	1725	74.0	0.64	2.2-2/1.0	10.0	208-230/460	3.0	3.5	11.06	23	ODP
3/4	56C	1725	76.0	0.60	3.3-3/15	12.0	208-230/460	2.8	3.4	11.06	24	ODP
1	56C	1725	75.0	0.68	4.0-3.4/1.7	13.0	208-230/460	2.8	3.3	11.06	25	ODP
1 1/2	56C	1725	78.2	0.68	5.8-5.2/2.6	20.0	208-230/460	2.8	3.4	12.20	30	ODP
2	56C	1725	78.9	0.75	6.4-6.2/3.1	25.0	208-230/460	2.7	3.3	13.02	36	ODP



Frame	Mounting							Conduit Box			Motor Dimension				Keyseat				Bearings		Enclos
	D	E	2F	A	B	BA	H	AB	XL	XN	AH	AJ	AK	P	U	R	S	KEY	ODE	DE	
56C	3.5	2.4	3.0	6.5	6.5	2.75	1.22	34	5.47	3.78	3.31	1.88	5.866	4.5	7.44	0.625	0.516	0.188	1.42	6203Z 6203Z	TEFC

优质高效铸铁电机

PREMIUM EFFICIENCY
CAST IRON MOTOR

MEET OR EXCEED NEMA PREMIUM

达到NEMA标准

MAXIMIZE ENERGY EFFICIENCY

能源效率最大化

INVERTER DUTY

变频

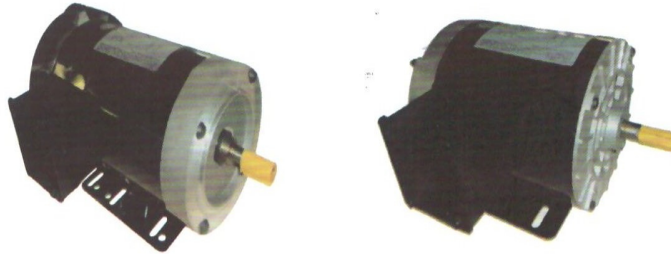
HIGH TORQUE

高转矩

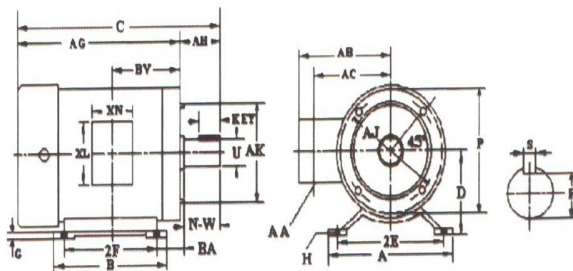


性能参数

PERFORMANCE DATA



HP	Frame	Full Load RPM	Efficient %	Powe Factor	Full Load Amps	Locked Rotor Amps	VAC	LRT/TN	BRT/TN	C Dim in inches	Approx Weight (lbs)	Enclos
1/3	56C	3450	60.0	0.75	1.6-1.5/0.75	4.3	208-230/460	2.7	3.0	12.3	21	TEFC
	56C	1725	68.5	0.60	1.7-1.6/0.8	4.3	208-230/460	2.8	3.6	12.3	21	TEFC
	56C	1165	63.0	0.50	2.4-2.1/1.05	6.3	208-230/460	3.0	3.5	11.1	23	TEFC
1/2	56C	3450	66.5	0.87	2.3-2.2/11	4.5	208-230/460	2.0	2.7	12.3	21	TEFC
	56C	1725	74.0	0.64	2.2-2.0/1.0	10.0	208-230/460	3.0	3.5	12.3	24	TEFC
	56C	1160	69.0	0.58	2.8-2.5/1.25	10.0	208-230/460	2.7	3.4	11.1	24	TEFC
3/4	56C	3450	72.5	0.87	3.0-2.9/1.45	6.2	208-230/460	2.1	2.8	12.3	22	TEFC
	56C	1725	76.0	0.60	3.3-3.0/1.5	12.0	208-230/460	2.8	3.4	12.3	25	TEFC
1	56C	3510	76.0	0.80	3.3-3.1/1.55	15.0	208-230/460	2.4	3.2	12.3	25	TEFC
	56C	1725	75.0	0.68	4.0-3.6/1.8	13.0	208-230/460	2.8	3.3	12.3	27	TEFC
1 1/2	56C	3450	79.7	0.88	4.4-4/2	20.0	208-230/460	2.5	3.2	12.3	28	TEFC
	56C	2725	78.2	0.68	5.8-5.2/2.6	20.0	208-230/460	2.8	3.4	12.3	31	TEFC
2	56C	3510	82.1	0.82	6.2-6.0/3	25.0	208-230/460	2.7	3.1	12.3	32	TEFC
	56C	1725	78.9	0.75	6.4-6.2/3.1	25.0	208-230/460	2.7	3.3	13.8	37	TEFC
3	56C	3500	84.0	0.90	9.3-9/4.5	32.0	208-230/460	2.2	3.1	13.8	40	TEFC
1/3	56C	1725	71.2	0.62	1.6-1.5/0.75	4.3	208-230/460	2.8	3.5	11.06	20	ODP
1/2	56C	1725	74.0	0.64	2.2-2/1.0	10.0	208-230/460	3.0	3.5	11.06	23	ODP
3/4	56C	1725	76.0	0.60	3.3-3/15	12.0	208-230/460	2.8	3.4	11.06	24	ODP
1	56C	1725	75.0	0.68	4.0-3.4/1.7	13.0	208-230/460	2.8	3.3	11.06	25	ODP
1 1/2	56C	1725	78.2	0.68	5.8-5.2/2.6	20.0	208-230/460	2.8	3.4	12.20	30	ODP
2	56C	1725	78.9	0.75	6.4-6.2/3.1	25.0	208-230/460	2.7	3.3	13.02	36	ODP



Frame	Mounting							Conduit Box			Motor Dimension				Keyseat				Bearings		Enclos
	D	E	2F	A	B	BA	H	AB	XL	XN	AH	AJ	AK	P	U	R	S	KEY	ODE	DE	
56C	3.5	2.4	3.0	6.5	6.5	2.75	1.22	34	5.47	3.78	3.31	1.88	5.866	4.5	7.44	0.625	0.516	0.188	1.42	6203Z 6203Z	TEFC