



SINGLE PHASE MOTORS

RIGID BASE • CAPACITOR START • GENERAL PURPOSE

Rigid Base



DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/12	1725	...	...	...	...	...	...	...	...	...
1/8	1725	...	...	...	...	...	...	...	...	...
1/6	1725	...	...	...	...	...	...	...	...	...
	1725	...	...	...	...	...	...	...	...	...
	1140	...	...	...	...	...	...	...	...	...
1/4	3450	...	...	...	...	...	...	...	...	...
	1725	...	...	...	...	...	...	...	...	...
	1725	48	101423	\$189	A	16	115/208-230	Man.	2.7	8.87
	1725	48	100115	166	A	16	115/208-230	Auto.	2.7	8.87
	1725	S56	100000	189	A	17	115/208-230	Auto.	2.7	9.24
	1140	...	...	...	...	...	...	...	...	...
	1140	...	...	...	...	...	...	...	...	...
1/3	3450	...	...	...	...	...	...	...	...	...
	3450	S56	100336	154	A	26	115/208-230	None	2.8	8.99
	1725	...	...	...	...	...	...	...	...	...
	1725	...	...	...	...	...	...	...	...	...
	1725	48	100116	189	A	17	115/208-230	Auto.	3.3	8.87
	1725	S56	100006	196	A	18	115/208-230	None	3.3	9.24
	1725	S56	100588	224	A	18	115/208-230	Man.	3.3	9.24
	1725	S56	100001	223	A	18	115/208-230	Auto.	3.3	9.24
	1140	...	...	...	...	...	...	...	...	...
	1140	56	110001	283	A	29	115/208-230	None	3.9	10.88
1/2	3450	48	100184	171	A	19	115/208-230	None	3.4	9.62
	3450	S56	100337	171	A	20	115/208-230	None	3.4	9.99
	3450	S56	100052	186	A	21	115/208-230	Man.	3.4	9.99
	1725	48	100338	240	A	20	115/208-230	None	4.4	9.62
	1725	S56	100007	216	A	21	115/208-230	None	4.4	9.99
	1725	S56	100004	265	A	21	115/208-230	Man.	4.4	9.99
	1725	S56	100002	251	A	20	115/208-230	Auto.	4.4	9.99
	1140	56	110002	428	A	32	115/208-230	None	5.0	11.38
3/4	3450	S56	100340	209	A	24	115/208-230	None	4.9	10.49
	3450	S56	100053	233	A	24	115/208-230	Man.	4.9	10.49
	1725	S56	100008	268	A	26	115/208-230	None	5.4	10.99
	1725	S56	100005	316	A	25	115/208-230	Man.	5.4	10.99
	1725	S56	101544☆	338	A	28	115/208-230	Man.	3.8	10.94
	1725	S56	100003	308	A	25	115/208-230	Auto.	5.4	10.99
	1140	56H	110003□	481	A	44	115/208-230	None	6.4	12.88
1	3450	56	110360	220	A	28	115/208-230	None	6.0	10.88
	3450	56	110097	242	A	26.5	115/208-230	Man.	6.0	10.88
	1725	56	110004	292	A	28	115/208-230	None	6.4	10.88
	1725	56	110167	342	A	30	115/208-230	Man.	6.4	10.88
	1725	56	113630☆	367	A	31	115/208-230	Man.	5.3	10.88
	1725	56	110000	330	A	28	115/208-230	Auto.	6.4	10.88
	1725	143T	120044	325	B	38	115/208-230	None	6.4	11.13
	1725	143T	120003	342	B	33	115/208-230	Man.	6.4	11.13
	1725	143T	120000	341	B	32	115/208-230	Auto.	6.4	11.13
	1140	...	...	...	...	...	...	...	...	...

TOTALLY ENCLOSED FAN COOLED (TEFC)

NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
42	092111	\$171	A	14	115/208-230	None	1.1	8.94
42	092114	177	A	16	115/208-230	None	1.6	9.44
42	092116	194	A	17	115/208-230	None	2.1	9.44
48	102012	193	A	17	115/208-230	None	1.7	9.44
48	102013	274	A	23	115/208-230	None	2.4	10.94
42	092112	197	A	19	115/208-230	None	2.1	9.94
48	102014	189	A	20	115/208-230	None	2.7	9.06
48	101446♣	218	A	18	115/208-230	Man.	2.7	9.06
...
48	102015	293	A	23	115/208-230	None	3.2	11.44
56	114617	308	A	30	115/208-230	None	2.8	11.81
48	102016	181	A	21	115/208-230	None	2.8	9.06
...
48	100955	211	A	19	115/208-230	None	3.3	9.56
48	102018	241	A	20	115/208-230	Man.	3.3	9.56
...
56	113635♣	211	A	23	115/208-230	None	3.2	10.81
56	114619	241	A	23	115/208-230	Man.	3.2	10.81
56	114613	249	A	23	115/208-230	Auto.	3.2	10.81
48	102019	322	A	28	115/208-230	None	3.7	11.94
56	110009	322	A	34	115/208-230	None	3.6	12.31
48	102020	207	A	27	115/208-230	None	3.5	9.31
56	110399	207	A	22	115/208-230	None	3.6	10.81
56	110141	223	A	25	115/208-230	Man.	3.6	10.81
48	100956	241	A	22	115/208-230	None	4.0	10.31
56	110012♣	241	A	22	115/208-230	None	4.4	10.81
56	110021♣	283	A	22	115/208-230	Man.	4.4	10.81
56	110016♣	288	A	24.5	115/208-230	Auto.	4.4	10.81
56	110011	459	A	38	115/208-230	None	4.9	12.81
56	110276	231	A	26	115/208-230	None	5.0	11.31
56	110108	246	A	26	115/208-230	Man.	5.0	11.31
56	110013♣	286	A	29	115/208-230	None	5.4	11.31
56	110022♣	333	A	29	115/208-230	Man.	5.4	11.31
...
56	110017♣	349	A	26	115/208-230	Auto.	5.4	11.31
56H	110400☆□	530	A	43	115/208-230	None	5.3	13.31
56	110059	269	A	28	115/208-230	None	6.0	11.81
56	110142	302	A	28	115/208-230	Man.	6.0	11.81
56	110209♣	329	A	30	115/208-230	None	7.0	11.81
56	110023♣	379	A	29	115/208-230	Man.	6.4	11.81
...
56	110018♣	392	A	29	115/208-230	Auto.	6.4	12.31
143T	120025♣	361	B	34	115/208-230	None	6.4	12.75
143T	120008♣	379	B	31	115/208-230	Man.	6.4	12.75
...
145T	120043☆	608	B	49	115/230	None	6.7	14.25

Except as noted by ♣ motors on this page have NEMA Service Factors—see page 161 for details.

- Combination 56H base motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft.
- ☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.
- ♣ These totally enclosed single phase motors have 1.15 Service Factors.

FOR 50 HZ OPERATION OF THESE MOTOR SIZES SEE PAGE 68

CONTINUED ON NEXT PAGE

SINGLE PHASE MOTORS



RIGID BASE • CAPACITOR START • GENERAL PURPOSE

Rigid Base

DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1½	3450	56	110361	\$311	A	29	115/208-230	None	8.6	10.88
	3450	56	110110	316	A	28	115/208-230	Man.	8.6	10.88
	3450	56	113631 ☆	321	A	36	115/208-230	Man.	6.7	10.84
	3450	143T	120107	311	B	32	115/208-230	None	8.6	11.28
	1725	56H	110005 ☆□	379	A	37	115/208-230	None	8.6	11.84
	1725	56H	110006 ☆□	413	A	38	115/208-230	Man.	8.6	11.84
	1725	56H	113266 ☆□	428	A	42	115/208-230	Man.	6.7	12.38
	1725	...	...	...	...	...	...	...	...	...
	1725	145T	120042 ☆	359	B	38	115/208-230	None	8.6	12.28
	1725	145T	120004 ☆	456	B	40	115/208-230	Man.	8.6	12.28
	1725	145T	120001 ☆	456	B	40	115/208-230	Auto.	8.6	12.28
	1140	...	...	...	...	...	...	...	...	...
2	3450	56	110363	413	A	37	115/208-230	None	12.0	11.88
	3450	56	110362	430	A	38	115/208-230	Man.	12.0	12.38
	3450	56	113632 ☆	432	A	38	115/208-230	Man.	8.6	11.34
	3450	145T	120106	443	B	40	115/208-230	None	12.0	12.28
	3450	...	...	...	...	...	...	...	...	...
	1725	145T	120067 ☆	429	B	42	115/230	None	10.5	13.28
	1725	145T	120879 ☆	479	A	51	115/208-230	Man.	8.6	13.31
	1725	182T	131515	436	B	56	115/208-230	None	12.4	13.19
	1725	182T	131536	468	B	63	115/208-230	Man.	12.4	13.19
	1725	182T	131535	464	B	63	115/208-230	Auto.	12.4	13.19

	3	3450
3450		182T	131636	502	B	74	115/208-230	None	14.0	14.18
1725		184T	131534	472	B	69	115/230	None	16.9	14.19
1725		184T	131561	559	B	76	115/230	Man.	16.9	14.19
1725		184T	131530	559	B	69	115/230	Auto.	16.9	14.19
5	3450	184T	131616	598	B	84	208-230	None	22.0	14.69
	1725	184T	131537 ☆	566	B	83	208-230	None	21.0	14.69
	1725	184T	131560 ☆	566	B	82	208	None	23.2	14.69
	1725	184T	131622 ☆	678	B	82	208-230	Man.	21.0	14.69
7½	3450	213T	140680 ☆†	923	B	112	208-230	None	29.5	16.55
	1740	215T	140155 ☆†	805	B	113	230	None	36.0	17.26
10	3450	215T	140681 ☆†	1167	B	135	208-230	None	37.0	18.05
	1740	215TZ	140311 ☆†✓	1177	B	140	230	None	43.0	19.76

TOTALLY ENCLOSED FAN COOLED (TEFC)

NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
56	110094	\$354	A	31.5	115/208-230	None	8.5	12.31
56	110109	414	A	31	115/208-230	Man.	8.5	12.31
...
143T	120130	354	B	36	115/208-230	None	8.5	13.25
56H	110253 ☆□	373	A	38	115/208-230	None	8.6	12.81
56H	113333 ☆□	429	A	38	115/208-230	Man.	8.6	12.81
...
56H	110019 ☆□	465	A	38	115/208-230	Auto.	8.6	12.81
145T	120026 ☆	373	B	44	115/208-230	None	8.6	13.25
145T	120009 ☆	429	B	42	115/208-230	Man.	8.6	13.25
...
184T	131526	968	B	69	115/208-230	None	11.0	15.46
56H	110352 ☆□†	461	A	41	115/208-230	None	10.0	13.31
56H	110402 ☆□†	485	A	41	115/208-230	Man.	10.0	13.31
...
145T	120036 ☆†	465	B	42	115/208-230	None	10.0	13.75
145T	120395 ☆†	489	B	44	115/208-230	Man.	10.0	13.75
145T	121507 ☆	610	B	48	115/208-230	None	9.2	13.75
145T	120867 ☆	615	B	48	115/208-230	Man.	9.2	13.75
182T	131509	527	B	65	115/208-230	None	12.4	14.46
...
...
145T	120341 ☆	502	B	46	230	None	14.0	13.75
182T	131637	543	B	78	115/208-230	None	13.4	14.96
184T	131533	620	B	83	115/230	None	16.8	16.46
...
...
184T	131549 ☆	750	B	93	230	None	19.8	16.96
184T	131538 ☆	756	B	95	230	None	23.0	17.46
...
...
213T	140684 ☆	966	B	120	208-230	None	32.0	18.34
215T	140120 ☆	978	B	169	230	None	33.6	20.21
215T	140685 ☆	1185	B	138	208-230	None	41.5	19.84
215T	140581 ☆	1124	B	202	230	None	40.0	20.71

□ Combination 56H base motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft.
 ☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.
 ✓ Motor with standard diameter shaft, 1.0" longer than standard.
 † Class F insulated.
 ❖ These totally enclosed single phase motors have 1.15 Service Factors.

FOR 50 HZ OPERATION OF THESE MOTOR SIZES SEE PAGE 68

QUICK REFERENCE

SINGLE PHASE AGRICULTURAL MOTORS	Page 60
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SINGLE PHASE WASHGUARD® MOTORS	28



THREE PHASE MOTORS

RIGID BASE • GENERAL PURPOSE

Rigid Base



DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/4	1725	...	...	...	...	...	...	...	...	...
	1725	S56	100027	\$168	A	16	208-230/460	1.4	58.0	9.24
1/3	3450	48	101447	171	A	14	208-230/460	1.7	68.0	9.00
	1725	48	100446	181	A	17	208-230/460	1.6	64.3	9.12
	1725	S56	100028	177	A	18	208-230/460	1.6	64.3	9.49
	1140	56	110425	287	A	23	208-230/460	1.6	65.0	9.88
1/2	3450	...	...	...	...	...	...	...	...	...
	3450	S56	101448	181	A	17	208-230/460	2.4	69.0	9.38
	1725	...	...	...	...	...	...	...	...	...
	1725	S56	100029	203	A	20	208-230/460	2.0	68.0	9.99
	1140	56	110027	317	A	22	208-230/460	2.8	66.0	10.38
	850	...	...	...	...	...	...	...	...	...
3/4	3450	...	...	...	...	...	...	...	...	...
	3450	S56	101449	214	A	20	208-230/460	2.8	79.0	9.88
	1725	S56	100030	226	A	24	208-230/460	2.8	75.0	10.49
	1140	56	110028	342	A	17	208-230/460	3.4	75.5	10.88
	1140	...	...	...	...	...	...	...	...	...
	850	...	...	...	...	...	...	...	...	...
1	3450	56	110426	246	A	22	208-230/460	3.6	80.6	9.88
	3450	56	116128 [W]	309	A	24	208-230/460	2.8	80.0	10.18
	1725	56	110029	256	A	22	208-230/460	4.2	78.5	10.38
	1725	56HZ	115827 *	244	A	24	208-230/460	4.2	78.5	11.13
	1725	143T	G120010	258	B	30	208-230/460	3.1	82.5	11.28
	1725	143T	121003 [W]	351	B	36	208-230/460	3.2	85.5	12.12
	1140	...	...	...	...	...	...	...	...	...
	1140	145T	G120089	355	B	35	208-230/460	3.6	80.0	12.28
	1140	145T	121517	410	B	41	208-230/460	3.8	82.5	12.62
	850	...	...	...	...	...	...	...	...	...

TOTALLY ENCLOSED FAN COOLED (TEFC)

NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
48	101646	\$184	A	18	208-230/460	1.4	58.0	9.31
...
48	102684	183	A	18	208-230/460	1.4	68.0	9.93
48	101647	220	A	21	208-230/460	1.6	64.3	9.31
S56	101079	202	A	22	208-230/460	1.6	64.3	9.69
56	110441	318	A	23	208-230/460	1.6	65.0	10.81
48	100905	212	A	18	208-230/460	1.8	69.0	9.94
...
48	100961 †	259	A	21	208-230/460	2.0	73.0	9.56
S56	100913	231	A	24	208-230/460	2.0	73.0	9.94
56	110353	342	A	26	208-230/460	2.4	70.0	11.31
56	114618	504	A	31	208-230/460	2.4	69.0	11.81
48	100960 †	234	A	21	208-230/460	2.8	79.0	10.44
56	110313	234	A	22	208-230/460	2.4	75.5	10.81
56	110034	247	A	22	208-230/460	2.8	77.0	10.81
56	110275	342	A	33	208-230/460	3.0	75.5	11.81
143T	121009	349	B	34	208-230/460	3.0	75.5	12.75
145T	121199	580	B	21	208-230/460	3.1	70.0	12.75
56	110145	274	A	24	208-230/460	3.2	77.1	10.81
56	116129 [W]	360	A	24	208-230/460	2.8	80.0	11.31
56	110035	259	A	25	208-230/460	3.8	77.0	11.31
56HZ	115830 *	272	A	31	208-230/460	3.8	77.0	12.75
143T	G120014	288	B	31	208-230/460	3.1	82.5	12.75
143T	120921 [W]	401	B	32	208-230/460	3.2	85.5	13.25
56	113933	355	A	35	208-230/460	4.0	77.0	12.31
145T	G120087	384	B	45	208-230/460	3.6	80.0	13.25
145T	121520 [W]	474	B	47	208-230/460	3.8	82.5	13.75
182T	131478	705	B	57	230/460	4.2	74.0	12.96
56	110745 †	300	A	30	208-230/460	4.2	80.3	11.81
145T	G120086	319	B	45	208-230/460	4.0	82.5	12.75
143T	121518 [W]	409	B	33	208-230/460	3.6	84.0	13.25
56	110444	290	A	30	208-230/460	5.0	78.5	11.81
...
56HZ	115829 *	276	A	37	208-230/460	5.0	78.5	12.75
145T	G120015	292	B	36	208-230/460	4.4	84.0	12.75
145T	120922 [W]	415	B	34	208-230/460	4.8	86.5	13.75
56H	114930 □	407	A	48	208-230/460	5.7	77.0	13.31
56HZ	120183 *	407	B	45	208-230/460	5.7	77.0	13.75
182T	G130015	441	B	82	208-230/460	5.6	85.5	14.96
182T	131980 [W]	684	B	89	208-230/460	5.6	87.5	15.96
184T	131479	835	B	68	230/460	5.6	77.0	13.96

Motors in this column have a 1.15 Service Factor, except as noted by †, which have a 1.0 Service Factor.

- Combination 56H base motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft.
- † 1.0 Service Factor.
- ‡ Class F insulated.
- ◆ Automatic reset overload protection. Do not use with variable frequency drives.
- [W] Premium efficiency WATTS AVER® Motors. See page 15 for details.
- * 56HZ motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 143-5T shaft.

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FOR 50 HZ OPERATION OF THESE MOTOR SIZES SEE PAGE 68

Catalog numbers in blue are NEW items.

Catalog numbers in green are EPACT motors.



TENV MOTORS

General purpose, totally enclosed non-vent motors with rigid base.

SINGLE PHASE • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/6	3450	42	092011	\$185	A	16	115/208-230	None	1.0	9.56
	1725	42	092012	195	A	21	115/208-230	None	1.8	10.56
1/4	3450	42	092013	198	A	21	115/208-230	None	1.7	10.56
	1725	48	100361	189	A	17	115/208-230	None	2.2	9.43
	1725	56	110008 ♣	194	A	24	115/208-230	None	2.4	9.88
	1725	56	110014 ♣	218	A	23	115/208-230	Auto.	2.4	9.88
1/3	3450	48	100362	183	A	24	115/208-230	None	2.0	9.93
	1725	56	110010 ♣	213	A	25	115/208-230	None	2.9	9.88
	1725	56	110020 ♣	243	A	25	115/208-230	Man.	2.9	9.88
	1725	56	110015 ♣	240	A	24	115/208-230	Auto.	2.9	9.88
1/2	3450	48	100366	209	A	27	115/208-230	None	2.9	10.43

THREE PHASE • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/6	3450	42	092014	\$224	A	13	208-230/460	0.7	65.0	7.56
	1725	42	092015	249	A	14	208-230/460	0.9	61.0	7.81
1/4	3450	42	092016	237	A	15	208-230/460	0.9	62.0	8.06
	1725	48	100123	189	A	16	208-230/460	1.0	78.0	9.18
	1725	S56	101649	189	A	16	208-230/460	1.0	78.0	9.56
	1725	56	110030	203	A	19	208-230/460	1.1	68.0	9.88
1/3	3450	48	101013	178	A	17	208-230/460	1.6	72.0	9.06
	1725	48	100443	211	A	19	208-230/460	1.4	78.0	9.56
	1725	56	110031	211	A	20	208-230/460	1.3	72.0	9.88
1/2	3450	56	110143	207	A	25	208-230/460	1.5	67.0	10.38
	1725	56	110032 †	245	A	21	208-230/460	1.8	78.5	10.38
3/4	1725	56	114309	265	A	30	208-230/460	2.5	80.0	10.89
1	1725	143T	121098	304	B	35	208-230/460	3.2	80.0	11.83
1½	1725	145T	121099	319	B	47	208-230/460	4.2	80.0	13.33

Motors in this column have a 1.15 Service Factor.

F2 MOUNT MOTORS

General purpose, three-phase motors with NEMA F2 conduit box location.



DRIP-PROOF • THREE PHASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3	1760	182T	G131240	\$331	B	63	208-230/460	8.4	86.5	11.69
5	1760	184T	G131239	367	B	76	208-230/460	13.2	87.5	13.69
7½	1760	213T	G140609	516	B	96	208-230/460	20.0	88.5	15.26

Motors in this column have NEMA Service Factors—see page 161 for details.

TEFC • THREE PHASE

NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
182T	G131237	\$374	B	74	208-230/460	8.2	87.5	13.96
184T	G131236	433	B	86	208-230/460	13.0	87.5	14.96
S213T	G140604	547	B	119	208-230/460	20.4	89.5	17.71

Motors in this column have a 1.15 Service Factor.

Note: For larger F2 mount motors, 150 & 170 Series cast iron motors may be converted to F2 by reassembly.

AUTOMATIC OVERLOAD MOTORS

General purpose, drip-proof motors with automatic reset thermal overload protection. Not for use with variable frequency drives.



THREE PHASE • DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3	1760	182T	G131338	\$443	B	58	208-230/460	8.4	86.5	12.69
5	1760	184T	G130565	509	B	78	208-230/460	13.2	87.5	13.69

- ♣ 1.0 Service Factor.
- † Class F insulated.
- ♠ These totally enclosed single phase motors have 1.15 Service Factors.