

**Three Phase,
TEFC, Foot Mounted,
with Internal AEGIS®
Bearing Protection Ring**

1 thru 100 Hp

NEMA 56 thru 405T



Applications: Heating, ventilation and air conditioning blower and fan motors, pump motors, and other general purpose applications using an adjustable speed drive.

Features: Class H insulated motor with AEGIS® bearing protection ring installed internally. Regreasable ball bearings. Dynamically balanced rotors for reduced vibration and quiet operation. Suitable for mounting in any position. All models meet or exceed NEMA Premium® efficiencies, are Inverter Ready, and have a 3-year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 Volt											
1	3600	56	EM3545-G	773	K	12.23	33	77	230/460	1.4	
	1800	143T	EM3546T-G	839	L1	12.31	36	85.5	208-230/460	1.5	
	1200	145T	EM3556T-G	978	L1	13.31	41	82.5	208-230/460	1.8	
1 1/2	3600	143T	EM3550T-G	858	L1	12.29	38	84	208-230/460	1.9	
	1800	145T	EM3554T-G	866	L1	13.31	42	86.5	208-230/460	2.2	
	1200	182T	EM3607T-G	1,152	L1	16.54	81	87.5	208-230/460	2.6	
2	3600	145T	EM3555T-G	927	L1	13.29	47	85.5	208-230/460	2.5	
	1800	145T	EM3558T-G	893	L1	14.19	48	86.5	208-230/460	2.9	
	1200	184T	EM3614T-G	1,199	L1	18.04	90	88.5	208-230/460	3.5	
3	3600	145T	EM3559T-G	1,023	L1	15.54	61	87.5	208-230/460	3.5	
		182T	EM3610T-G	1,044	L1	15.17	63	86.5	230/460	3.7	
	1800	182T	EM3611T-G	1,004	L1	16.54	75	89.5	208-230/460	4.2	
5	1200	213T	EM3704T-G	1,528	L1	19.01	135	89.5	230/460	4.6	
	3600	184T	EM3613T-G	1,140	L1	16.54	78	88.5	230/460	5.9	
	1800	184T	EM3615T-G	1,084	L1	18.04	84	89.5	208-230/460	6.7	
7 1/2	1200	215T	EM3708T-G	1,703	L1	19.76	154	89.5	208-230/460	7.3	
	3600	213T	EM3709T-G	1,644	L1	17.89	133	91	230/460	8.9	
	1800	213T	EM3710T-G	1,508	L1	19.01	127	91.7	230/460	9.4	30
10	1200	254T	EM2276T-G	2,799	L1	23.16	294	91	230/460	10.7	
	3600	215T	EM3711T-G	1,664	L1	17.89	118	90.2	208-230/460	11.8	
	1800	215T	EM3714T-G	1,679	L1	20.51	156	91.7	208-230/460	12	
15	1200	256T	EM2332T-G	3,160	L1	23.16	302	91	230/460	14.4	30
	3600	254T	EM2394T-G	2,771	L1	23.16	253	91	230/460	17.5	30
	1800	254T	EM2333T-G	2,561	L1	23.16	255	92.4	230/460	18.5	30
20	1200	284T	EM4100T-G	4,185	L1	27.76	391	91.7	230/460	21	30
	3600	256T	EM4106T-G	3,017	L1	23.16	229	91	230/460	23	30
	1800	256T	EM2334T-G	3,052	L1	23.16	303	93	230/460	24	30
25	1200	286T	EM4102T-G	5,471	L1	27.76	437	91.7	208-230/460	27	
	3600	284TS	EM4107T-G	3,914	L1	24.70	283	91.7	230/460	29	
	1800	284T	EM4103T-G	3,970	L1	27.76	420	93.6	230/460	30	30
30	1200	324T	EM4111T-G	6,234	L1	30.39	465	93	230/460	32	
	3600	286TS	EM4108T-G	4,593	L1	24.70	299	91.7	230/460	34	
	1800	286T	EM4104T-G	4,651	L1	27.76	437	93.6	230/460	38	
40	1200	326T	EM4117T-G	7,142	L1	30.28	604	93	230/460	39	30
	3600	324TS	EM4109T-G	6,266	L1	28.87	528	92.4	230/460	46	30
	1800	324T	EM4110T-G	6,073	L1	30.28	600	94.1	230/460	48	30
50	1200	364T	EM4308T-G	9,257	L1	33.44	908	94.1	230/460	49.4	
	3600	326TS	EM4114T-G	6,818	L1	28.87	575	93	208-230/460	56	
	1800	326T	EM4115T-G	6,599	L1	30.28	700	94.5	230/460	58	
	1200	365T	EM4312T-G	11,010	L1	33.44	840	94.1	230/460	61.7	

(a) See notes on inside back flap.
 ■ Cast Iron Frame

Three Phase, TEFC, Foot Mounted, with Internal AEGIS® Bearing Protection Ring

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
60	3600	364TS	EM4310T-G	9,875	L1	31.31	794	95	230/460	66.3	
	1800	364T	EM4314T-G	9,780	L1	33.44	910	95	230/460	68	
75	3600	365TS	EM4313T-G	11,350	L1	31.31	834	95	230/460	81.9	
	1800	365T	EM4316T-G	11,293	L1	33.44	965	95.4	230/460	85.9	
100	1800	405T	EM4400T-G	14,177	L1	38.31	1326	95.4	230/460	112	
575 Volt											
1	1800	143T	EM3546T-5G	839	L1	12.31	35	85.5	575	1.2	
1 1/2	1800	145T	EM3554T-5G	866	L1	13.31	41	86.5	575	1.8	
2	1800	145T	EM3558T-5G	893	L1	14.19	47	86.5	575	2.4	
3	1800	182T	EM3611T-5G	1,004	L1	16.54	76	89.5	575	3.3	
5	1800	184T	EM3615T-5G	1,084	L1	18.04	93	89.5	575	5.3	
7 1/2	1800	213T	EM3710T-5G	1,508	L1	19.01	127	91.7	575	7.6	
10	1800	215T	EM3714T-5G	1,679	L1	20.51	165	91.7	575	9.6	
15	1800	254T	EM2333T-5G	2,561	L1	23.16	255	92.4	575	14.8	
20	1800	256T	EM2334T-5G	3,052	L1	23.16	303	93	575	19.2	
25	1800	284T	EM4103T-5G	3,970	L1	27.76	420	93.6	575	23.9	
30	1800	286T	EM4104T-5G	4,651	L1	27.76	437	93.6	575	29	
40	1800	324T	EM4110T-5G	6,073	L1	30.28	578	94.1	575	39	
50	1800	326T	EM4115T-5G	6,599	L1	30.28	700	94.5	575	46	

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**Three Phase,
ODP, Foot Mounted,
with Internal AEGIS®
Bearing Protection Ring**

1 thru 100 Hp

NEMA 56 thru 404T



Applications: Heating, ventilation and air conditioning blower and fan motors, pump motors, and other general purpose applications using an adjustable speed drive.

Features: Class H insulated motor with AEGIS® bearing protection ring installed internally. Regreasable ball bearings. Dynamically balanced rotors for reduced vibration and quiet operation. Suitable for mounting in any position. All models meet or exceed NEMA Premium® efficiencies, are Inverter Ready, and have a 3-year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	3600	56	EM3115-G	680	K	11.06	28	80	208-230/460	1.5	
	1800	143T	EM3116T-G	844	L1	11.12	34	85.5	208-230/460	1.5	
	1200	145T	EM3156T-G	859	L1	11.62	39	82.5	208-230/460	1.8	
1 1/2	3600	143T	EM3120T-G	743	L1	11.12	34	84	208-230/460	2	
	1800	145T	EM3154T-G	876	L1	11.62	37	86.5	230/460	2.2	30
	1200	182T	EM3207T-G	1,013	L1	15.00	74	87.5	208-230/460	2.6	
2	3600	143T	EM3155T-G	850	L1	11.62	41	85.5	208-230/460	2.5	
	1800	145T	EM3157T-G	929	L1	12.12	40	86.5	230/460	2.9	30
	1200	184T	EM3215T-G	1,032	L1	16.50	85	88.5	208-230/460	3.5	
3	3600	145T	EM3158T-G	859	L1	13.00	46	85.5	230/460	3.8	30
	1800	182T	EM3211T-G	1,022	L1	15.00	74	89.5	230/460	4.2	30
	1200	213T	EM3305T-G	1,287	L1	16.32	120	88.5	230/460	4.4	30
5	3600	182T	EM3212T-G	956	L1	13.62	63	86.5	208-230/460	6	
	1800	184T	EM3218T-G	1,104	L1	16.50	83	89.5	208-230/460	6.6	
	1200	215T	EM3309T-G	1,630	L1	17.45	141	89.5	208-230/460	7.4	
7 1/2	3600	184T	EM3219T-G	1,421	L1	15.00	76	88.5	208-230/460	8.6	
	1800	213T	EM3311T-G	1,563	L1	16.32	114	91	208-230/460	9.7	
	1200	254T	EM2506T-G	1,990	L1	23.19	248	90.2	230/460	11	30
10	3600	213T	EM3312T-G	1,619	L1	17.45	135	91.7	208-230/460	11.4	
	1800	215T	EM3313T-G	1,855	L1	17.45	128	91.7	230/460	12.5	
	1200	256T	EM2511T-G	2,514	L1	23.19	255	91.7	230/460	14.3	30
15	3600	215T	EM3314T-G	2,224	L1	16.32	131	90.2	230/460	17.5	
	1800	254T	EM2513T-G	2,622	L1	21.69	234	93	230/460	17.7	30
	1200	284T	EM2524T-G	3,356	L1	23.81	300	91.7	230/460	20.5	30
20	3600	254T	EM2514T-G	2,653	L1	21.69	185	91	230/460	23.5	30
	1800	256T	EM2515T-G	2,853	L1	21.69	250	93	230/460	23.5	30
	1200	286T	EM2528T-G	4,018	L1	23.81	363	92.4	230/460	27	30
25	3600	256T	EM2516T-G	3,135	L1	21.69	233	91.7	230/460	28	30
	1800	284T	EM2531T-G	3,477	L1	23.81	330	93.6	230/460	29	30
	1200	324T	EM2532T-G	4,873	L1	27.69	383	93	208-230/460	34	
30	3600	284TS	EM2534T-G	3,709	L1	22.44	320	91.7	208-230/460	35	
	1800	286T	EM2535T-G	3,773	L1	25.06	375	94.1	230/460	35	30
	1200	326T	EM2536T-G	5,067	L1	28.69	482	93.6	230/460	38	30
40	3600	286TS	EM2538T-G	4,690	L1	22.44	330	92.4	208-230/460	46	
	1800	324T	EM2539T-G	4,915	L1	27.19	389	94.1	230/460	49	30
	1200	364T	EM2540T-G	7,170	L1	30.69	565	94.1	230/460	51	30
50	3600	324TS	EM2542T-G	5,165	L1	25.69	375	93	208-230/460	56	
	1800	326T	EM2543T-G	5,383	L1	27.69	497	94.5	230/460	57	30
60	1800	364T	EM2547T-G	7,117	L1	30.69	565	95	230/460	68	30
75	1800	365T	EM2551T-G	8,543	L1	33.72	597	95	230/460	87	30
100	1800	404T	EM2555T-4G	10,158	L1	36.97	590	95.4	460	115	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**Fan and Blower,
Single and
Three Phase, ODP,
Resilient Base**

1/4 thru 3 Hp

NEMA 48 thru 56H

Applications: Ventilators, summer cooling fans, band saws, drill presses, farm equipment, etc.

Features: Heavy-gauge steel base, ball bearings, suitable for mounting in any position. Dynamically balanced rotors for reduced vibration and quiet operation.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase											
1/2	1800	56	RL1304A	434	K	11.59	26	62	115/230	4.2	2, 30, 66
		56	RL1323A	395	K	10.97	24	62	115/230	4	2, 66
3/4	3600	56	RL1306A	399	K	11.59	26	71	115/230	5.5	2, 30, 66
	1800	56H	RL1307A	532	K	12.97	35	68	115/230	5.1	30, 66
			56	RL1324A	428	K	12.47	31	71	115/230	5
1	3600	56H	RL1309A	459	K	11.42	34	63	115/230	7.3	30, 66
	1800	56H	RL1310A	578	K	11.42	35	66	115/230	6.7	2, 30, 66
1 1/2	3600	56H	RL1313A	591	K	12.42	40	68	115/230	9	30, 66
	1800	56H	RL1319A	699	K	12.42	42	68	115/230	9	30, 66
2	3600	56H	RL1317A	734	K	12.42	43	70	115/230	12	30, 66
Single Phase, 277 Volt											
1/3	1800	56	RL1301A277	446	K	10.97	23	60	277	2.5	66
1/2	1800	56	RL1304A277	464	K	11.59	26	62	277	3.6	66
3/4	1800	56H	RL1307A277	639	K	11.42	34	63	277	5.1	66
1	1800	56H	RL1310A277	657	K	12.42	42	66	277	5.4	66
1 1/2	1800	56H	RL1319A277	715	K	13.30	49	70	277	8.5	66
Three Phase											
1/4	1800	48	RM3003	318	K	10.34	19	64	230/460	0.7	30
1/3	3600	48	RM3006	304	K	10.34	20	72	230/460	0.7	30
	1800	48	RM3007	321	K	10.34	21	68	230/460	0.8	30
			56	RM3104	366	K	10.97	22	68	230/460	0.8
1/2	3600	48	RM3009	321	K	10.34	19	68	230/460	1	30
	1800	48	RM3010	404	K	10.34	23	74	230/460	1	30
			56	RM3108	416	K	10.97	23	74	230/460	1
3/4	3600	56	RM3111	422	K	10.97	22	74	230/460	1.3	30
	1800	56	RM3112	462	K	11.59	27	75.5	208-230/460	1.5	
1	3600	56	RM3115	446	K	10.97	24	75.5	230/460	1.8	30
	1800	56	RM3116	489	K	12.47	33	78.5	230/460	1.7	30
1 1/2	3600	56H	RM3120	543	K	12.47	31	80	208-230/460	2.3	
	1800	56H	RM3154	563	K	12.97	36	77	208-230/460	2.8	
2	3600	56H	RM3155	630	K	12.47	33	80	208-230/460	2.9	
	1800	56/56H	RM3157	608	K	12.42	40	80	208-230/460	3.1	
3	3600	56/56H	RM3158	651	K	12.42	39	80	208-230/460	4	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**Chiller/Cooling Tower, 5 thru 75 Hp
Three Phase,
TEAO**

NEMA 184T thru 404T

Applications: For use in the airstream on chillers and cooling towers.



Features: Class F insulated motor with 1.15 service factor or higher that operates within class “B” temperature limits at rated horsepower. Corrosion resistant epoxy finish, double sealed bearings filled with moisture resistant grease, shaft seal/slinger, moisture resistant copper windings, double dipped and baked, stainless steel nameplates and corrosion resistant hardware. Designed for wet, high humidity environments. “ECTM” model Super-E® motors have NEMA Premium® efficiency and 3 year warranty. Direct replacement for most OEM applications.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Airflow Ft/Min	Notes (a)
5	1800	184T	CTM3665T	1,095	L1	13.68	105	87.5	208-230/460	6.9	1200	
		184T	ECTM3665T	1,239	L1	13.68	120	89.5	208-230/460	6.6	1200	
	1200	215T	CTM3768T	1,660	L1	19.54	206	87.5	208-230/460	7.5	1200	
		215T	ECTM3768T	1,968	L1	19.54	227	90.2	230/460	7.3	1200	30
7 1/2	1800	213T	CTM3770T	1,458	L1	19.54	164	89.5	208-230/460	10.3	1500	
		213T	ECTM3770T	1,653	L1	19.54	170	91.7	208-230/460	9.5	1500	
	1200	254T	CTM2276T	2,025	L1	22.16	179	89.5	208-230/460	10.9	1500	1
		254T	ECTM2276T	2,802	L1	20.75	294	91	230/460	10.7	1500	30
10	1800	215T	CTM3774T	1,861	L1	19.54	170	89.5	208-230/460	13	1500	
		215T	ECTM3774T	2,218	L1	19.54	231	91.7	208-230/460	12.2	1500	
	1200	256T	CTM2332T	2,254	L1	20.75	283	89.5	230/460	14.4	1500	30
		256T	ECTM2332T	3,201	L1	20.75	302	91	230/460	14.4	1500	30
15	1800	254T	CTM2333T	2,472	L1	22.16	236	91	208-230/460	18.5	1500	
		254T	ECTM2333T	2,944	L1	20.75	255	92.4	230/460	18.5	1500	30
	1200	284T	CTM4100T	3,594	L1	25.63	375	90.2	230/460	21	1500	30
		284T	ECTM4100T	4,268	L1	25.63	382	91.7	230/460	20	1500	30
20	1800	256T	CTM2334T	2,756	L1	23.91	245	91	230/460	25	1500	30
		256T	ECTM2334T	3,284	L1	20.75	303	93	230/460	24	1500	30
	1200	286T	CTM4102T	4,343	L1	25.63	416	90.2	230/460	27	1500	30
		286T	ECTM4102T	5,683	L1	25.63	437	91.7	230/460	27	1500	30
25	1800	284T	CTM4103T	3,341	L1	25.78	322	92.4	230/460	29	1500	30
		284T	ECTM4103T	4,042	L1	25.63	386	93.6	230/460	30	1500	30
	1200	324T	CTM4111T	5,239	L1	28.25	451	91.7	230/460	33	1500	30
		324T	ECTM4111T	6,429	L1	28.38	605	93	230/460	32	1500	30
30	1800	286T	CTM4104T	4,010	L1	25.78	331	92.4	230/460	36	1500	30
		286T	ECTM4104T	4,797	L1	25.63	437	93.6	230/460	38	1500	30
	1200	326T	CTM4117T	6,355	L1	28.25	460	91.7	230/460	39	1500	30
		326T	ECTM4117T	7,428	L1	28.38	640	93	230/460	39	1500	30
40	1800	324T	CTM4110T	5,334	L1	28.38	529	93	230/460	47	2000	30
		324T	ECTM4110T	6,273	L1	28.38	578	94.1	230/460	48	1500	30
	1200	364T	CTM4308T	7,040	L1	29.70	953	93	230/460	49.4	2000	30
		364T	ECTM4308T	9,255	L1	29.70	808	94.1	230/460	49.4	2000	30
50	1800	326T	CTM4115T	6,297	L1	28.25	539	93	230/460	60	2000	30
		326T	ECTM4115T	7,500	L1	28.38	635	94.5	230/460	57	2000	30
	1200	365T	CTM4312T	8,933	L1	29.70	782	93.6	230/460	61.9	2000	30
		365T	ECTM4312T	11,184	L1	29.70	803	94.1	230/460	61.7	2000	30
60	1800	364T	CTM4314T	8,519	L1	29.70	782	94.1	230/460	73.1	2000	30
		364T	ECTM4314T	9,863	L1	29.70	865	95	230/460	68	2000	30
	1200	404T	CTM4403T	11,277	L1	34.19	887	93.6	230/460	72	2000	30
		404T	ECTM4403T	13,576	L1	34.68	1322	95	230/460	69	2000	30
75	1800	365T	CTM4316T	10,242	L1	30.60	875	94.1	230/460	87	2000	30
		365T	ECTM4316T	11,534	L1	29.70	913	95.4	230/460	85.9	2000	30

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

BALDOR • RELIANCE

**Chiller/Cooling Tower, 3 thru 100 Hp
Three Phase,
Two Speed, TEFC**

182T thru 405T

Applications: High moisture environment fan motor for mounting in the air stream of cooling towers.



Features: High efficiency severe duty multi-speed axial fan motors. Class F insulation, 1.15 service factor. Lip seal, shaft slinger, and T-drain in both ends. Electrical design is single winding variable torque. Double shielded ball bearings. Burndy type YA compression lead lugs.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3/7.5	1800/900	182T	CTM1757T	2,119	L1	17.12	131	85.5	460	3.7	
5/1.2	1800/900	184T	CTM1758T	2,370	L1	17.12	153	85.5	460	6	
7.5/1.88	1800/900	213T	CTM1759T	2,973	L1	19.31	197	87.5	460	8.9	
10/2.5	1800/900	215T	CTM1760T	3,455	L1	19.31	210	87.5	460	12	
15/3.75	1800/900	254T	CTM1761T	4,381	L1	24.56	315	90.2	460	15	
20/5	1800/900	256T	CTM1762T	5,293	L1	24.56	358	91	460	24.4	
25/6.25	1800/900	284T	CTM1763T	6,158	L1	27.44	442	91.7	460	31.2	
30/7.5	1800/900	286T	CTM1764T	7,069	L1	27.44	476	91.7	460	36.6	
40/10	1800/900	324T	CTM1765T	9,280	L1	30.16	630	92.4	460	48	
50/12.5	1800/900	326T	CTM1766T	10,949	L1	30.16	608	90.2	460	63	
60/15	1800/900	364T	CTM1767T	15,857	L1	33.44	792	93	460	69.6	
75/18.75	1800/900	365T	CTM1768T	19,868	L1	33.44	899	93.6	460	87.3	
100/25	1800/900	405T	CTM1769T	24,495	L1	38.31	1329	93.6	460	110	

(a) See notes on inside back flap.

(b) Full load efficiency is at 1800 RPM and low speed efficiency is not published.

■ Cast Iron Frame

**Three Phase,
ODP**

1/2 thru 5 Hp

NEMA 56 thru 184T

Applications: Ventilators, direct-drive or belted fan and ventilation applications.



Features: Heavy-gauge steel base, ball bearings, suitable for mounting in any position. Dynamically balanced rotors for reduced vibration and quiet operation.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot Mounted											
5	1800	184T	EHM3218TA	1,076	L1	16.50	80	89.5	208-230/460	6.6	
Resilient Base											
.5	1800	56H	RM3108A	487	K	11.97	24	74	230/460	1	30, 36
.75	1800	56H	RM3112A	524	K	11.97	27	74	230/460	1.5	30, 36
1	1800	56/56H	RM3116A	546	K	11.42	35	82.5	208-230/460	1.6	36
1.5	1800	56H	RM3154A	580	K	11.42	37	81.5	208-230/460	2.3	36
2	1800	56H	RM3157A	665	K	12.42	39	81.5	208-230/460	2.9	36
3	3600	145TY	ERM3158TA	797	K	13.64	48	85.5	208-230/460	3.8	
5	3600	145TY	ERHM3162TA	1,138	L1	15.02	60	86.5	208-230/460	6.1	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**Super-E,
Three Phase, ODP,
Foot Mounted**

1 thru 100 Hp

NEMA 143T thru 404T

Applications: Heating, ventilation and air conditioning blower and fan motors.



Features: Class F insulated motor with 1.15 service factor or higher that operates within class “B” temperature limits at rated horsepower. Heavy-gauge steel frame construction, ball bearings, grease passages have plugs. Dynamically balanced rotors for reduced vibration and quiet operation. Suitable for mounting in any position. All models meet NEMA Premium® efficiencies, Inverter Ready and have a 3-year warranty. Includes lifting provisions on all frame sizes and bar-coded spec number label.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 Volt, F1 Mounting											
1	1800	143T	EHM3116T	651	LS	11.12	38	85.5	208-230/460	1.5	
1.5	1800	145T	EHM3154T	676	LS	11.62	37	86.5	230/460	2.2	30
2	1800	145T	EHM3157T	726	LS	12.13	43	86.5	230/460	2.9	30
3	1800	182T	EHM3211T	779	LS	15.00	74	89.5	230/460	4.2	30
5	1800	184T	EHM3218T	846	LS	16.50	92	89.5	208-230/460	6.6	
7.5	1800	213T	EHM3311T	1,230	LS	16.32	120	91	208-230/460	9.7	
10	1800	215T	EHM3313T	1,480	LS	17.45	136	91.7	208-230/460	12.5	
15	1800	254T	EHM2523T	2,087	LS	21.69	212	93	208-230/460	17.7	
20	1800	256T	EHM2515T	2,612	LS	21.69	255	93	230/460	23.5	30
25	1800	284T	EHM2531T	3,177	LS	23.81	330	93.6	230/460	29	30
30	1800	286T	EHM2535T	3,473	LS	25.06	379	94.1	230/460	35	30
40	1800	324T	EHM2539T	4,519	LS	26.69	523	94.1	230/460	46	30
50	1800	326T	EHM2543T	5,544	LS	27.69	515	94.5	230/460	57	30
60	1800	364T	EHM2547T	6,268	LS	29.94	557	95	208-230/460	68	
75	1800	365T	EHM2551T	7,687	LS	33.72	616	95	230/460	87	
100	1800	404T	EHM2555T	8,762	LS	36.97	552	95.4	230/460	113	
230/460 Volt, F2 Mounting											
1	1800	143T	EHFM3116T	651	LS	11.12	38	85.5	208-230/460	1.5	
1.5	1800	145T	EHFM3154T	676	LS	11.62	37	86.5	230/460	2.2	30
2	1800	145T	EHFM3157T	726	LS	13.00	51	86.5	208-230/460	2.7	
3	1800	182T	EHFM3211T	779	LS	15.00	74	89.5	230/460	4.2	30
5	1800	184T	EHFM3218T	846	LS	16.50	92	89.5	208-230/460	6.6	
7.5	1800	213T	EHFM3311T	1,230	LS	16.32	120	91	208-230/460	9.7	
10	1800	215T	EHFM3313T	1,480	LS	17.45	134	91.7	208-230/460	12.5	
15	1800	254T	EHFM2523T	2,087	LS	21.69	245	93	208-230/460	17.7	
20	1800	256T	EHFM2515T	2,612	LS	21.69	245	93	230/460	23.5	30
25	1800	284T	EHFM2531T	3,177	LS	23.81	330	93.6	230/460	29	30
30	1800	286T	EHFM2535T	3,473	LS	25.06	379	94.1	230/460	35	30
40	1800	324T	EHFM2539T	4,519	LS	27.19	378	94.1	230/460	49	30
50	1800	326T	EHFM2543T	5,544	LS	27.69	505	94.5	230/460	57	30
60	1800	364T	EHFM2547T	6,268	LS	30.69	563	95	230/460	68	30
75	1800	365T	EHFM2551T	7,687	LS	33.72	744	95	230/460	87	
100	1800	404T	EHFM2555T	8,762	LS	36.97	552	95.4	230/460	113	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Super-E, Three Phase, ODP, Foot Mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
200 Volt											
1	1800	143T	EHM3116T-8	651	LS	11.12	29	85.5	200	3.5	
1.5	1800	145T	EHM3154T-8	676	LS	11.62	37	86.5	200	5.1	
2	1800	145T	EHM3157T-8	726	LS	12.13	30	86.5	200	6.5	
3	1800	182T	EHM3211T-8	779	LS	15.00	74	89.5	200	9.7	
5	1800	184T	EHM3218T-8	846	LS	16.50	92	89.5	200	15.3	
7.5	1800	213T	EHM3311T-8	1,230	LS	16.32	112	91	200	22.2	
10	1800	215T	EHM3313T-8	1,480	LS	17.45	124	91.7	200	29.5	
15	1800	254T	EHFM2523T-8	2,082	LS	21.69	234	93	200	40.7	6
		254T	EHM2523T-8	2,087	LS	21.69	234	93	200	40.7	
20	1800	256T	EHM2515T-8	2,612	LS	21.69	250	93	200	54.3	
25	1800	284T	EHM2531T-8	3,177	LS	23.81	330	93.6	200	69.5	
30	1800	286T	EHM2535T-8	3,473	LS	25.06	465	94.1	200	81	
40	1800	324T	EHM2539T-8	4,519	LS	26.69	477	94.1	200	108	
50	1800	326T	EHM2543T-8	5,544	LS	27.69	497	94.5	200	132	

(a) See notes on inside back flap.

Super-E, Three Phase, TEFC, Foot Mounted

1 thru 50 Hp

NEMA 143T thru 326T

Applications: Heating, ventilation and air conditioning blower and fan motors.

Features: Class F Insulation, 1.15 service factor, ball bearings with plugged grease passages, heavy-gauge steel and cast-iron frames, dynamically balanced rotors for reduced vibration and quiet operation. Suitable for mounting in any position. All models meet or exceed NEMA Premium® efficiencies, are Inverter Ready, and have a 3-year warranty. Includes bar-coded spec number label.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 Volt											
1	1800	143T	EHM3546T	734	LS	12.31	37	85.5	208-230/460	1.5	1
1.5	1800	145T	EHM3554T	737	LS	13.29	44	86.5	208-230/460	2.2	1
2	1800	145T	EHM3558T	789	LS	13.29	45	86.5	208-230/460	2.9	
3	1800	182T	EHM3611T	869	LS	16.54	70	89.5	208-230/460	4.2	
5	1800	184T	EHM3615T	949	LS	18.04	85	89.5	208-230/460	6.7	
7.5	1800	213T	EHM3710T	1,353	LS	19.03	119	91.7	208-230/460	9.4	
10	1800	215T	EHM3714T	1,526	LS	20.53	165	91.7	208-230/460	12	
15	1800	254T	EHM2333T	2,332	LS	23.16	238	92.4	208-230/460	18.5	
20	1800	256T	EHM2334T	2,821	LS	23.16	303	93	208-230/460	24	
25	1800	284T	EHM4103T	3,680	LS	27.76	437	93.6	208-230/460	30	
30	1800	286T	EHM4104T	4,360	LS	27.76	460	93.6	208-230/460	38	
40	1800	324T	EHM4110T	5,691	LS	30.28	642	94.1	208-230/460	48	
50	1800	326T	EHM4115T	6,198	LS	30.28	635	94.5	230/460	57	1, 30
575 Volt											
1	1800	143T	EHM3546T-5	734	LS	12.31	32	85.5	575	1.2	1
1.5	1800	145T	EHM3554T-5	737	LS	13.29	38	86.5	575	1.8	1
2	1800	145T	EHM3558T-5	789	LS	14.19	43	86.5	575	2.4	1
3	1800	182T	EHM3611T-5	869	LS	16.54	70	89.5	575	3.3	1
5	1800	184T	EHM3615T-5	949	LS	18.04	83	89.5	575	5.3	1
7.5	1800	213T	EHM3710T-5	1,353	LS	19.03	120	91.7	575	7.6	1
10	1800	215T	EHM3714T-5	1,526	LS	20.53	165	91.7	575	9.6	1
15	1800	254T	EHM2333T-5	2,332	LS	23.16	255	92.4	575	14.8	1
20	1800	256T	EHM2334T-5	2,821	LS	23.16	303	93	575	19.2	1
25	1800	284T	EHM4103T-5	3,680	LS	27.76	399	93.6	575	23.9	1
30	1800	286T	EHM4104T-5	4,360	LS	27.76	437	93.6	575	29	1
40	1800	324T	EHM4110T-5	5,691	LS	30.28	578	94.1	575	39	1
50	1800	326T	EHM4115T-5	6,198	LS	30.28	625	94.5	575	45.6	1

(a) See notes on inside back flap.

■ Cast Iron Frame

**(PSC) -
Direct Drive Fan,
Single Phase, TEAO**

1/4 thru 3/4 Hp

NEMA 48Z thru 56Z

Applications: Confinement houses, exhaust fans, air handling fans, unit heaters.



Features: Double sealed ball bearings, rugged steel frame, corrosion resistant epoxy finish. 1" extended thru bolts. Permanent split capacitor.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Resilient Base											
1/4	1800	48Z	CHC3413A	399	K	11.35	22	54	115/230	2.4	2, 29
	1200	48Z	CHC3414A	471	K	11.97	25	51	115/230	2.2	2, 29
1/3	1800	48Z	CHC3416A	434	K	11.97	25	56	115/230	2.8	2, 29
	1200	48Z	CHC3417A	543	K	11.97	27	54	115/230	2.8	2, 29
1/2	1800	56Z	CHC3524A	487	K	13.59	28	67	115/230	3.4	2, 74
		56Z	CHL3523A	487	K	12.72	28	68	115/230	3.7	3, 30, 74
	1200	56Z	CHC3525A	623	K	13.54	43	62	115/230	3.6	2, 74
3/4	1200	56Z	CHC3526A	771	K	14.42	49	50	115/230	4.6	2, 74
		56Z	CHC3528A	738	K	14.42	50	71	115/230	4.5	2, 74
Foot Mounted											
1/4	1800	48Z	PSC3413A	400	K	11.34	20	65.5	115/230	1.3	2, 29
1/3	1800	48Z	PSC3416A	444	K	11.34	21	62	115/230	1.8	2, 29
1/2	1800	48Z	PSC3524A	487	K	11.96	24	65	115/230	3	2, 29

(a) See notes on inside back flap.

**Condenser Fan,
Three Phase, ODP,
"Belly Band"
Round Body**

1/2 thru 1-1/2 Hp

NEMA 48YZ thru 56YZ

Applications: Designed specifically for use on commercial refrigeration condenser units and air conditioning units.



Features: Corrosion resistant finish, ball bearings, dynamically balanced for quiet operation. Automatic reset thermal. Shaft 6" long - keyway and flat are 90° apart. Reconnectable leads in pulley endplate.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1200	48YZ	CFM3036A	566	K	14.29	25	72	208-230/460	1.2	2, 20
		56YZ	CFM3136A	586	K	15.30	35	70	208-230/460	1.2	
3/4	1200	48YZ	CFM3046A	614	K	16.02	34	77	208-230/460	1.5	2, 20
		56YZ	CFM3146A	633	K	15.55	33	75.5	208-230/460	1.4	
1	1200	56YZ	CFM3156A	722	K	16.55	37	75.5	208-230/460	1.7	1
1 1/2	1200	56YZ	CFM3166A	785	K	17.43	47	76	208-230/460	2.5	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

BALDOR • RELIANCE

**Condenser Fan,
Three Phase, TEAO,
“Belly Band”
Round Body**

Applications: Condenser fan motor for use on commercial freezers in food processing plants.

Features: Totally Enclosed Air Over, low temperature grease, double sealed ball bearings, additional auxiliary 50 Hz data nameplate.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1200	56	M3539-TP	625	K	11.68	28	70	208-230/460	1.2	

(a) See notes on inside back flap.

**Three Phase,
TEAO,
Foot Mounted**

1/4 thru 10 Hp

NEMA 48 thru 254T

Applications: “In the Airstream” and fan-on-shaft applications.



Features: Locked drive end bearing construction, bearings sized for larger overhung loads for fan-on-shaft applications. 36” leads.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	48	AOM3454	337	K	9.63	19	64	230/460	0.7	2, 20, 30
	1200	48	AOM3455	529	K	9.63	20	68	230/460	0.7	2, 20
1/3	1800	48	AOM3458	376	K	9.63	19	68	230/460	0.9	2, 20, 30
	1200	56	AOM3535	557	K	10.25	25	70	208-230/460	0.9	2, 20
1/2	1800	56	AOM3538	442	K	10.25	21	70	208-230/460	1.1	2, 20
	1200	56	AOM3539	600	K	10.88	25	72	208-230/460	1.2	2, 20
3/4	1800	56	AOM3542	476	K	10.25	23	72	208-230/460	1.6	2, 20
	1200	56	AOM3543	617	K	11.75	34	77	208-230/460	1.5	2, 20
1	1800	143T	AOM3546T	495	L1	11.81	32	75.5	208-230/460	1.8	2
	1200	145T	AOM3556T	626	L1	11.12	35	78.5	208-230/460	1.9	2
	900	182T	AOM3617T	1,212	L1	13.62	58	74	208-230/460	2.2	2
1 1/2	1800	145T	AOM3554T	515	L1	11.12	37	81.5	208-230/460	2.3	2, 20
	1200	182T	AOM3607T	716	L1	13.62	49	78.5	208-230/460	2.5	2, 20
2	1800	145T	AOM3558T	546	L1	12.12	43	82.5	208-230/460	3	2, 20
	1200	184T	AOM3614T	768	L1	13.62	55	80	208-230/460	3.2	2, 20
	900	213T	AOM3702T	1,839	L1	16.32	89	82.5	208-230/460	3.5	2
3	1800	182T	AOM3611T	640	L1	13.62	55	81.5	208-230/460	4.3	2, 20
	1200	213T	AOM3704T	962	L1	16.32	88	84	208-230/460	4.8	2, 20
	900	215T	AOM3705T	2,010	L1	17.44	111	86.5	208-230/460	5.2	2, 20
5	1800	184T	AOM3615T	740	L1	15.00	74	85.5	208-230/460	6.6	1
	1200	215T	AOM3708T	1,377	L1	16.32	116	86.5	208-230/460	7.6	2, 20
	900	254T	AOM25904T	3,194	L1	19.63	213	82.5	230/460	8.9	1, 30
7 1/2	1800	213T	AOM3710T	949	L1	16.32	111	87.5	208-230/460	10.9	1
10	1800	215T	AOM3714T	1,150	L1	17.45	136	89.5	208-230/460	13.5	2, 20

(a) See notes on inside back flap.