

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

1/4 thru 3 Hp

NEMA 48 and 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.



General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

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	364	K	11.59	26	62	115/230	4.2	2,30,66
		56	RL1323A	332	K	10.97	24	62	115/230	4	2,66
3/4	3600	56	RL1306A	335	K	11.59	26	71	115/230	5.5	2,30,66
	1800	56H	RL1307A	448	K	12.97	35	68	115/230	5.1	30,66
			56	RL1324A	360	K	12.47	31	71	115/230	5
1	3600	56H	RL1309A	385	K	11.42	34	63	115/230	7.3	30,66
	1800	56H	RL1310A	486	K	11.42	33	66	115/230	6.7	2,30,66
1 1/2	3600	56H	RL1313A	497	K	12.42	39	68	115/230	9	30,66
	1800	56H	RL1319A	588	K	12.42	42	68	115/230	9	30,66
2	3600	56H	RL1317A	618	K	12.42	43	70	115/230	12	30,66
Single Phase, 277 Volt											
1/3	1800	56	RL1301A277	375	K	10.97	23	60	277	2.5	66
1/2	1800	56	RL1304A277	390	K	11.59	26	62	277	3.6	66
3/4	1800	56H	RL1307A277	537	K	11.42	31	63	277	5.1	66
1	1800	56H	RL1310A277	553	K	12.42	38	66	277	5.4	66
1 1/2	1800	56H	RL1319A277	601	K	13.30	46	70	277	8.5	66
Three Phase											
1/4	1800	48	RM3003	267	K	10.34	19	64	230/460	0.65	30
1/3	3600	48	RM3006	256	K	10.34	20	72	230/460	0.7	30
	1800	48	RM3007	270	K	10.34	21	68	230/460	0.8	30
			56	RM3104	307	K	10.97	22	68	230/460	0.8
1/2	3600	48	RM3009	270	K	10.34	19	68	230/460	1	30
	1800	48	RM3010	340	K	10.34	23	74	230/460	1	30
			56	RM3108	349	K	10.97	23	74	230/460	1
3/4	3600	56	RM3111	355	K	10.97	22	74	230/460	1.3	30
	1800	56	RM3112	388	K	11.59	27	75.5	208-230/460	1.5	
1	3600	56	RM3115	375	K	10.97	24	75.5	230/460	1.8	30
	1800	56	RM3116	411	K	12.47	33	78.5	230/460	1.7	30
1 1/2	3600	56H	RM3120	456	K	12.47	31	80	208-230/460	2.3	
	1800	56H	RM3154	473	K	12.97	34	77	208-230/460	2.8	
2	3600	56H	RM3155	530	K	12.47	33	80	208-230/460	2.9	
	1800	56H	RM3157	512	K	12.42	37	78.5	208-230/460	3.2	
3	3600	56H	RM3158	548	K	12.42	39	80	208-230/460	4	

(a) See notes on inside back flap and pages 5-6.

**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	ECTM3665T	1,043	L1	13.68	109	90.2	208-230/460	6.5	1200	
		184T	CTM3665T	921	L1	13.68	104	87.5	208-230/460	6.7	1200	
	1200	215T	ECTM3768T	1,657	L1	19.54	203	90.2	230/460	7.3	1200	30
		215T	CTM3768T	1,397	L1	19.54	206	87.5	208-230/460	7.5	1200	
7 1/2	1800	213T	ECTM3770T	1,391	L1	19.54	170	91.7	208-230/460	9.5	1500	
		213T	CTM3770T	1,227	L1	19.54	164	89.5	208-230/460	10.3	1500	
	1200	254T	ECTM2276T	2,359	L1	20.75	298	91.7	230/460	10.7	1500	30
		254T	CTM2276T	1,705	L1	22.16	240	89.5	208-230/460	10.9	1500	1
10	1800	215T	ECTM3774T	1,867	L1	19.54	231	92.4	208-230/460	12.5	1500	
		215T	CTM3774T	1,567	L1	19.54	170	89.5	208-230/460	13	1500	
	1200	256T	ECTM2332T	2,695	L1	20.75	282	91.7	230/460	14.2	1500	30
		256T	CTM2332T	1,898	L1	20.75	269	89.5	230/460	14.4	1500	30
15	1800	254T	ECTM2333T	2,479	L1	20.75	255	92.4	230/460	18.5	1500	30
		254T	CTM2333T	2,081	L1	22.16	236	91	208-230/460	18.5	1500	
	1200	284T	ECTM4100T	3,594	L1	25.63	421	92.4	230/460	19.5	1500	30
		284T	CTM4100T	3,027	L1	25.63	375	90.2	230/460	21	1500	30
20	1800	256T	ECTM2334T	2,765	L1	20.75	286	93	230/460	24	1500	30
		256T	CTM2334T	2,321	L1	23.91	276	91	230/460	25	1500	30
	1200	286T	ECTM4102T	4,786	L1	25.63	420	92.4	230/460	26	1500	30
		286T	CTM4102T	3,657	L1	25.63	416	90.2	230/460	27	1500	30
25	1800	284T	ECTM4103T	3,404	L1	25.63	417	93.6	230/460	30	1500	30
		284T	CTM4103T	2,814	L1	25.78	322	92.4	230/460	29	1500	30
	1200	324T	ECTM4111T	5,415	L1	28.38	537	93	230/460	32	1500	30
		324T	CTM4111T	4,412	L1	28.25	451	91.7	230/460	33	1500	30
30	1800	286T	ECTM4104T	4,040	L1	25.63	492	94.1	230/460	36	1500	30
		286T	CTM4104T	3,377	L1	25.78	321	92.4	230/460	36	1500	30
	1200	326T	ECTM4117T	6,257	L1	28.38	592	93	230/460	39	1500	30
		326T	CTM4117T	5,352	L1	28.25	460	91.7	230/460	39	1500	30
40	1800	324T	ECTM4110T	5,283	L1	28.38	592	94.5	230/460	46	1500	30
		324T	CTM4110T	4,492	L1	28.38	536	93	230/460	47	2000	30
	1200	364T	ECTM4308T	7,796	L1	30.60	831	94.1	230/460	50.5	2000	30
		364T	CTM4308T	5,929	L1	30.60	810	93	230/460	49	2000	30
50	1800	326T	ECTM4115T	6,317	L1	28.38	635	94.5	230/460	57	2000	30
		326T	CTM4115T	5,303	L1	28.25	540	93	230/460	60	2000	30
	1200	365T	ECTM4312T	9,421	L1	30.60	851	94.1	230/460	61	2000	30
		365T	CTM4312T	7,524	L1	30.60	782	93	230/460	61	2000	30
60	1800	364T	ECTM4314T	8,308	L1	30.60	808	95	230/460	69	2000	30
		364T	CTM4314T	7,176	L1	30.60	810	93.6	230/460	71	2000	30
	1200	404T	ECTM4403T	11,435	L1	34.68	1,114	94.5	230/460	72.5	2000	
		404T	CTM4403T	9,499	L1	34.97	1,038	93.6	230/460	72	2000	30
75	1800	365T	ECTM4316T	9,715	L1	30.60	832	95.4	230/460	86.5	2000	30
		365T	CTM4316T	8,627	L1	30.60	841	94.1	230/460	87	2000	30

(a) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

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 ^(a)	Voltage	Full Load Amps	Notes ^(b)
3-0.75	1800/900	L182T	CTM1757T	1,784	L1	17.12	143	82.5	460	3.6	71
5-1.25	1800/900	L184T	CTM1758T	1,995	L1	17.12	152	84	460	6	71
7.5-1.88	1800/900	L213T	CTM1759T	2,503	L1	19.31	206	87.5	460	8.7	71
10-2.5	1800/900	L215T	CTM1760T	2,909	L1	19.31	204	89.5	460	12	71
15-3.75	1800/900	254T	CTM1761T	3,690	L1	24.56	315	90.2	460	15	71
20-5	1800/900	256T	CTM1762T	4,458	L1	24.56	365	90.2	460	24.4	71
25-6.25	1800/900	284T	CTM1763T	5,187	L1	27.44	435	91	460	25	71
30-7.5	1800/900	286T	CTM1764T	5,954	L1	27.44	455	91	460	36.6	71
40-10	1800/900	324T	CTM1765T	7,817	L1	30.44	629	92.4	460	49.5	71
50-12.5	1800/900	326T	CTM1766T	9,222	L1	30.44	678	90.2	460	60.5	71
60-15	1800/900	364T	CTM1767T	13,356	L1	33.44	865	92.4	460	69.6	71
75-18.75	1800/900	365T	CTM1768T	16,735	L1	33.44	890	93.6	460	87.3	71
100-25	1800/900	405T	CTM1769T	20,633	L1	38.31	1,260	94.5	460	110	71

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

^(b) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

**Three Phase, ODP,
Resilient Base**

1/2 thru 3 Hp

NEMA 56 thru 56HZ

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



Features: Heavy-gauge steel base, ball bearings, automatic thermal overload. 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)
1/2	1800	56H	RM3108A	409	K	11.97	24	74	230/460	1	30,36
	3600	56H	RM3111A	412	K	11.97	23	74	230/460	1.3	30,36
3/4	1800	56H	RM3112A	441	K	11.97	27	74	230/460	1.5	30,36
	3600	56H	RM3115A	433	K	11.59	25	75.5	230/460	1.6	30,36
1	1800	56H	RM3116A	459	K	11.42	27	77	208-230/460	1.6	36
	3600	56H	RM3120A	491	K	11.97	30	81.5	230/460	2	30,36
1 1/2	1800	56H	RM3154A	488	K	11.42	33	78.5	208-230/460	2.4	36
	3600	56H	RM3155A	568	K	12.47	33	80	230/460	2.7	30,36
2	1800	56H	RM3157A	559	K	12.42	40	81.5	208-230/460	2.9	36
	3600	56HZ	RM3158TA	562	K	12.76	45	81.5	208-230/460	4	37
3	1800	56HZ	RM3161TA	611	K	15.01	55	82.5	208-230/460	4.1	37

(a) See notes on inside back flap and pages 5-6.

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

BALDOR • RELIANCE

Super-E and Standard-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. "EHM" models meet NEMA Premium® efficiencies. Inverter Ready and have a 3-year warranty. "HM" models meet EPAct efficiencies. 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)
F1 Mounting											
1	1800	143T	EHM3116T	527	LS	11.12	34	85.5	208-230/460	1.4	
		143T	HM3116T	344	LS	11.12	31	82.5	208-230/460	1.65	
1 1/2	1800	145T	EHM3154T	548	LS	12.13	38	88.5	208-230/460	2.1	
		145T	HM3154T	364	LS	11.12	39	84	208-230/460	2.2	
2	1800	145T	EHM3157T	590	LS	13.00	46	86.5	208-230/460	2.7	
		145T	HM3157T	394	LS	11.62	41	84	208-230/460	3	
3	1800	182T	EHM3211T	635	LS	15.00	75	90.2	208-230/460	4	
		182T	HM3211T	426	LS	14.63	49	86.5	208-230/460	4.2	
5	1800	184T	EHM3218T	691	LS	16.50	82	90.2	208-230/460	6.6	
		184T	HM3218T	464	LS	15.00	68	87.5	208-230/460	6.9	
7 1/2	1800	213T	EHM3311T	1,014	LS	16.32	109	91.7	208-230/460	9.6	
		213T	HM3311T	645	LS	17.00	92	88.5	208-230/460	10	
10	1800	215T	EHM3313T	1,225	LS	17.45	124	91.7	208-230/460	12.5	
		215T	HM3313T	808	LS	16.32	108	89.5	208-230/460	13.4	
15	1800	254T	EHM2523T	1,737	LS	21.69	234	93	208-230/460	17.7	
		254T	HM2523T	1,244	LS	19.75	159	91	208-230/460	19	
20	1800	256T	EHM2515T	2,179	LS	21.69	255	93	230/460	23.5	30
		256T	HM2515T	1,485	LS	22.25	235	91.7	230/460	24	30
25	1800	284T	EHM2531T	2,655	LS	23.81	330	94.1	230/460	30	30
		284T	HM2531T	1,836	LS	23.44	226	91.7	230/460	30	30
30	1800	286T	EHM2535T	2,904	LS	25.06	379	94.1	230/460	35	30
		286T	HM2535T	2,120	LS	24.94	249	92.4	230/460	36	30
40	1800	324T	EHM2539T	3,786	LS	26.69	523	94.5	230/460	46	30
		324T	HM2539T	2,732	LS	26.19	340	93	230/460	47.5	30
50	1800	324T	EHM2543T	4,649	LS	27.69	515	94.5	230/460	57	30
		324T	HM2543T	3,167	LS	27.19	378	93	230/460	60.5	30
60	1800	364T	EHM2547T	5,259	LS	29.94	557	95	230/460	68	
		364T	HM2547T	3,909	LS	27.94	479	93.6	230/460	72.5	30
75	1800	365T	EHM2551T	6,455	LS	33.72	616	95	230/460	85	
		365T	HM2551T	4,787	LS	29.94	544	94.1	230/460	88	30
100	1800	404T	EHM2555T	7,360	LS	36.97	552	95.4	230/460	113	
		404T	HM2555T	6,078	LS	35.22	618	94.1	230/460	119	30
F2 Mounting											
1	1800	143T	EHFM3116T	527	LS	11.12	33	85.5	208-230/460	1.4	
		143T	HFM3116T	347	LS	11.12	31	82.5	208-230/460	1.65	
1 1/2	1800	145T	EHFM3154T	551	LS	13.00	41	88.5	208-230/460	2.1	
		145T	HFM3154T	368	LS	11.62	36	84	208-230/460	2.2	
2	1800	145T	EHFM3157T	590	LS	13.00	46	86.5	208-230/460	2.7	
		145T	HFM3157T	398	LS	11.62	41	84	208-230/460	3	
3	1800	182T	EHFM3211T	635	LS	15.00	72	90.2	208-230/460	4	
		182T	HFM3211T	430	LS	14.00	49	86.5	208-230/460	4.2	
5	1800	184T	EHFM3218T	691	LS	16.50	82	90.2	208-230/460	6.6	
		184T	HFM3218T	468	LS	15.00	66	87.5	208-230/460	6.9	
7 1/2	1800	213T	EHFM3311T	1,014	LS	16.32	112	91.7	208-230/460	9.6	
		213T	HFM3311T	652	LS	17.00	92	88.5	208-230/460	10	

(a) See notes on inside back flap and pages 5-6.

Super-E and Standard-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)
F2 Mounting (continued)											
10	1800	215T	EHFM3313T	1,225	LS	17.45	134	91.7	208-230/460	12.5	
		215T	HFM3313T	816	LS	16.32	111	89.5	208-230/460	13.4	
15	1800	254T	EHFM2523T	1,737	LS	21.69	245	93	208-230/460	17.7	
		254T	HFM2523T	1,221	LS	19.75	157	91	208-230/460	19	
20	1800	256T	EHFM2515T	2,179	LS	21.69	245	93	230/460	23.5	30
		256T	HFM2515T	1,486	LS	21.69	229	91	230/460	25	30
25	1800	284T	EHFM2531T	2,655	LS	23.81	330	94.1	230/460	30	30
		284T	HFM2531T	1,802	LS	23.44	226	91.7	230/460	30	30
30	1800	286T	EHFM2535T	2,904	LS	25.06	379	94.1	230/460	35	30
		286T	HFM2535T	2,081	LS	24.94	255	92.4	230/460	36	30
40	1800	324T	EHFM2539T	3,786	LS	26.69	479	94.5	230/460	46	30
		324T	HFM2539T	2,683	LS	26.19	365	93	230/460	47.5	30
50	1800	324T	EHFM2543T	4,179	LS	27.69	505	94.5	230/460	57	30
		324T	HFM2543T	3,109	LS	27.19	369	93	230/460	60.5	30
60	1800	364T	EHFM2547T	5,259	LS	30.69	563	95	230/460	68	30
		364T	HFM2547T	3,837	LS	27.94	479	93.6	230/460	72.5	30
75	1800	365T	EHFM2551T	6,455	LS	33.72	616	95	230/460	85	
		365T	HFM2551T	4,698	LS	29.94	544	94.1	230/460	88	30
100	1800	404T	EHFM2555T	7,360	LS	36.97	552	95.4	230/460	113	
		404T	HFM2555T	5,967	LS	35.22	618	94.1	230/460	119	30

(a) See notes on inside back flap and pages 5-6.

General Information

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Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

Three Phase, ODP

1/4 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											
1/2	1800	56	HM3108	291	K	9.51	22	74	230/460	1	1,30
		56	HM3108A	373	K	10.34	23	74	230/460	1	30
3/4	1800	56	HM3112	321	K	10.97	26	75.5	208-230/460	1.5	
		56	HM3112A	411	K	10.97	26	74	230/460	1.5	30
1	1800	56HZ	HM3116	363	K	12.13	32	78.5	230/460	1.7	30
		56HZ	HM3116A	453	K	12.13	32	74	208-230/460	2	
1 1/2	1800	56HZ	HM3154	417	K	12.13	36	81.5	208-230/460	2.2	
		56HZ	HM3154A	500	K	12.13	33	81.5	208-230/460	2.2	
2	1800	56HZ	HM3157	438	K	12.13	39	81.5	208-230/460	2.9	
		56HZ	HM3157A	521	K	12.13	36	81.5	208-230/460	2.9	
3	1800	56HZ	HM3161A	568	K	13.00	47	82.5	208-230/460	4.1	
5	1800	184T	HM3218TA	641	L1	15.00	72	87.5	208-230/460	7	
Resilient Base											
1/4	1800	48	RHM3003	255	K	10.34	19	64	230/460	0.65	30
1/3	1800	48	RHM3007	258	K	10.34	25	68	230/460	0.8	30
		56	RHM3104	292	K	10.97	21	68	230/460	0.8	30
1/2	1800	48	RHM3010	323	K	10.34	22	72	230/460	1	30
		56	RHM3108	335	K	10.97	24	74	230/460	1	30
		56	RHM3108A	387	K	11.59	24	74	230/460	1	30
3/4	3600	56	RHM3111	337	K	10.97	24	75.5	230/460	1.2	30
		56H	RHM3111A	390	K	11.59	23	74	230/460	1.3	30
	1800	56	RHM3112	369	K	12.47	31	77	230/460	1.2	30
1	3600	56H	RHM3112A	417	K	11.59	26	74	230/460	1.5	30
		56	RHM3115	358	K	10.97	24	75.5	230/460	1.8	30
		56	RHM3115A	413	K	11.59	24	75.5	230/460	1.6	30
1 1/2	1800	56	RHM3116	388	K	12.47	32	78.5	230/460	1.7	30
		56H	RHM3116A	440	K	12.47	33	78.5	230/460	1.7	30
		56H	RHM3120A	467	K	12.47	32	81.5	230/460	2	30
2	3600	56H	RHM3154	448	K	11.42	37	81.5	208-230/460	2.2	
		56H	RHM3154A	452	K	12.42	38	81.5	208-230/460	2.2	
		56H	RHM3155A	541	K	12.47	33	80	230/460	2.7	30
3	1800	56H	RHM3157	487	K	12.42	38	81.5	208-230/460	2.9	
		56H	RHM3157A	521	K	12.42	38	81.5	208-230/460	2.9	
		56H	RHM3158	599	K	12.42	42	82.5	208-230/460	3.8	
5	3600	145T	RHM3158TA	590	L1	12.79	41	84	208-230/460	3.9	
		145T	RHM3161TA	575	L1	15.04	60	86.5	208-230/460	4	1
5	3600	56HZ	RHM3162TA	806	K	13.64	53	80	208-230/460	6.5	1

(a) See notes on inside back flap and pages 5-6.

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

HVAC
Variable Torque,
Three Phase, ODP

1/2 thru 75 Hp

NEMA 56 thru 365T

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



Features: Heavy-gauge steel frame construction, ball bearings, 1.15 service factor. Dynamically balanced rotors for reduced vibration and quiet operation. Suitable for mounting in any position. "HM" models meet EAct efficiencies. "EHM" models are above EAct efficiency, but do not meet NEMA Premium® efficiencies. H3M and EH3M motors use low profile top-mounted conduit box.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
F1 Mounting											
1	1800	56HZ	HM9210	336	LS	12.13	31	78.5	230/460	1.7	30
1 1/2	1800	145T	EHM9214T	508	LS	11.62	37	85.5	208-230/460	2.1	1
		145T	HM9214T	356	LS	11.62	36	84	208-230/460	2.2	
2	1800	145T	EHM9218T	599	LS	12.13	42	85.5	208-230/460	2.7	1
		145T	HM9218T	386	LS	11.62	39	84	208-230/460	3	
3	1800	182T	EHM9222T	644	LS	15.38	63	87.5	208-230/460	4.2	1
		182T	HM9222T	418	LS	14.63	60	86.5	208-230/460	4.2	
5	1800	184T	EHM9226T	705	LS	16.50	81	88.5	230/460	6.7	1,30
		184T	HM9226T	461	LS	15.00	68	87.5	208-230/460	6.9	
7 1/2	1800	213T	EHM9229T	1,037	LS	17.45	117	91.7	208-230/460	9.4	1
		213T	HM9229T	642	LS	17.00	95	88.5	208-230/460	10	
10	1800	215T	EHM9232T	1,256	LS	16.32	143	90.2	208-230/460	13.4	1
		215T	HM9232T	805	LS	16.32	117	89.5	208-230/460	13.4	
15	1800	254T	EHM9235T	1,779	LS	20.50	187	91.7	208-230/460	19.2	1
		254T	HM9235T	1,207	LS	19.75	165	91	208-230/460	19	
20	1800	256T	HM9239T	1,469	LS	22.25	235	91.7	230/460	24	30
25	1800	284T	HM9242T	1,782	LS	23.44	226	91.7	230/460	30	30
30	1800	286T	EHM9246T	2,980	LS	25.06	339	93	230/460	37	1,30
		286T	HM9246T	2,058	LS	24.94	280	92.4	230/460	36	30
40	1800	324T	HM9249T	2,655	LS	26.19	350	93	230/460	47.5	30
50	1800	324T	HM9252T	3,076	LS	27.19	500	93	230/460	60.5	30
		326T	EHM9252T	4,291	LS	27.19	380	93.6	230/460	62	1,30
60	1800	364T	HM9255T	3,798	LS	27.94	523	93.6	230/460	72.5	30
75	1800	365T	HM9258T	4,651	LS	29.94	544	94.1	230/460	88	30
F3 Mounting											
1/2	3600	56	H3M9201	241	LS	10.25	20	68	230/460	1	28,30
	1800	56	EH3M9202	358	LS	10.25	24	80	230/460	0.85	28,30
			56	H3M9202	270	LS	10.25	22	74	230/460	1
3/4	3600	56	EH3M9204	359	LS	10.88	25	81.5	230/460	1	1,28,30
		56	H3M9204	284	LS	10.25	24	78.5	230/460	1.1	28,30
	1800	56	EH3M9105	450	LS	11.97	31	78.5	230/460	1.2	28
		56	H3M9205	299	LS	10.88	27	75.5	208-230/460	1.5	
1	3600	56	EH3M9206	415	LS	11.75	29	82.5	230/460	1.25	1,28,30
		56	H3M9206	326	LS	10.88	27	77	208-230/460	1.6	
	1800	56Z	H3M9210	339	LS	12.13	33	78.5	230/460	1.7	28,30
		143T	EH3M9210T	537	LS	11.12	37	84	208-230/460	1.5	1
1 1/2	3600	143T	H3M9212T	394	LS	11.12	32	82.5	208-230/460	2	
	1800	143T	H3M9214T	360	LS	11.12	39	84	208-230/460	2.2	
		145T	EH3M9214T	558	LS	11.62	39	85.5	208-230/460	2.1	1
2	3600	143T	EH3M9217T	617	LS	11.62	43	85.5	208-230/460	2.5	1
		145T	H3M9217T	435	LS	11.62	41	84	208-230/460	2.6	
	1800	145T	EH3M9218T	599	LS	12.13	45	85.5	208-230/460	2.7	1
		145T	H3M9218T	390	LS	11.62	43	84	208-230/460	3	
3	3600	145T	EH3M9221T	625	LS	13.00	48	85.5	208-230/460	3.7	1
		145T	H3M9221T	462	LS	12.12	47	84	208-230/460	3.7	
	1800	182T	EH3M9222T	644	LS	15.38	64	87.5	208-230/460	4.2	1
			182T	H3M9222T	422	LS	14.00	39	86.5	208-230/460	4.2

(a) See notes on inside back flap and pages 5-6.

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

HVAC Variable Torque, Three Phase, ODP

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
F3 Mounting (continued)											
5	3600	182T	EH3M9225T	684	LS	14.63	59	86.5	230/460	6	1,28,30
		182T	H3M9225T	478	LS	14.00	55	85.5	208-230/460	6.1	
	1800	184T	EH3M9226T	705	LS	16.50	78	88.5	230/460	6.7	1,28,30
		184T	H3M9226T	465	LS	15.00	69	87.5	208-230/460	6.9	
7 1/2	3600	184T	EH3M9228T	1,084	LS	15.00	74	89.5	230/460	16.6	1,28,30
		184T	H3M9228T	658	LS	15.00	66	87.5	208-230/460	8.7	
	1800	213T	EH3M9229T	1,037	LS	17.45	117	91.7	208-230/460	9.4	1
		213T	H3M9229T	649	LS	17.00	104	88.5	208-230/460	10	
10	3600	213T	EH3M9231T	1,235	LS	16.32	116	89.5	208-230/460	12	1
		213T	H3M9231T	826	LS	16.32	107	88.5	208-230/460	11.6	
	1800	215T	EH3M9232T	1,256	LS	16.32	142	90.2	208-230/460	13.4	1
		215T	H3M9232T	813	LS	16.32	110	89.5	208-230/460	13.4	
15	3600	215T	EH3M9233T	1,760	LS	17.45	140	91	230/460	32.4	1,28,30
		215T	H3M9233T	1,206	LS	16.32	125	89.5	208-230/460	17.5	
	1800	254T	EH3M9235T	1,779	LS	20.50	187	91.7	208-230/460	19.2	1
		254T	H3M9235T	1,218	LS	19.75	158	91	208-230/460	19	
20	3600	254T	H3M9238T	1,541	LS	19.75	170	90.2	208-230/460	22	
		256T	EH3M9238T	2,066	LS	21.69	186	91	230/460	23.5	1,28,30
	1800	256T	EH3M9239T	2,235	LS	21.69	242	91.7	230/460	25	1,28,30
		256T	H3M9239T	1,483	LS	22.25	235	91.7	230/460	24	28,30
25	3600	256T	H3M9241T	1,862	LS	21.69	221	91	230/460	29	28,30
		284T	EH3M9242T	2,724	LS	23.81	312	92.4	230/460	32	1,28,30
	1800	284T	H3M9242T	1,799	LS	23.44	252	91.7	230/460	30	28,30
		284TS	EH3M9244T	2,927	LS	23.56	250	91.7	230/460	33	1,28,30
30	3600	284TS	H3M9244T	1,972	LS	22.06	235	91	230/460	35	28,30
		286T	EH3M9246T	2,980	LS	25.06	339	93	230/460	37	1,28,30
	1800	286T	H3M9246T	2,078	LS	24.94	249	92.4	230/460	36	28,30
		286TS	EH3M9248T	3,774	LS	23.56	288	92.4	230/460	45	1,28,30
40	3600	286TS	H3M9248T	2,779	LS	23.56	251	91.7	230/460	46	28,30
		324T	EH3M9249T	3,888	LS	27.19	378	93.6	230/460	48	1,28,30
	1800	324T	H3M9249T	2,680	LS	26.19	339	93	230/460	47.5	28,30
		324T	H3M9252T	3,106	LS	27.19	378	93	230/460	60.5	28,30
60	1800	364T	H3M9255T	3,834	LS	27.94	475	93.6	230/460	72.5	28,30
75	1800	365T	EH3M9258T	6,635	LS	30.69	553	94.5	230/460	86	1,28,30
		365T	H3M9258T	4,695	LS	29.94	544	94.1	230/460	88	28,30

(a) See notes on inside back flap and pages 5-6.

General Information

Premium Efficient Super-E@ Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

HVAC
Variable Torque,
Three Phase, TEFC

1/2 thru 75 Hp

NEMA 56 thru 365T

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



Features: Heavy-gauge steel frame construction (1-10 hp), ball bearings, 1.15 service factor. Dynamically balanced rotors for reduced vibration and quiet operation. Suitable for mounting in any position. "HM" models meet EPCo efficiencies. "EHM" models are above EPCo efficiency, but do not meet NEMA Premium® efficiencies. H3M and EH3M motors use low profile top-mounted conduit box.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
F1 Mounting											
1	1800	56HZ	HM9110T	376	LS	13.22	34	78.5	208-230/460	1.7	
		143T	EHM9110T	609	LS	13.31	35	84	208-230/460	0	1
1 1/2	1800	145T	EHM9114T	635	LS	13.31	43	85.5	208-230/460	2	1
		145T	HM9114T	383	LS	13.31	40	84	208-230/460	2.2	
2	1800	145T	EHM9118T	658	LS	14.19	54	85.5	208-230/460	2.7	1
		145T	HM9118T	402	LS	13.31	42	84	208-230/460	2.9	
3	1800	182T	EHM9122T	740	LS	16.79	74	88.5	208-230/460	3.9	1
		182T	HM9122T	475	LS	16.52	67	87.5	208-230/460	4.15	
5	1800	184T	EHM9126T	810	LS	18.29	92	88.5	230/460	6.4	1,30
		184T	HM9126T	543	LS	16.79	75	87.5	230/460	7.1	30
7 1/2	1800	213T	EHM9129T	1,167	LS	19.03	115	91.7	208-230/460	9.4	1
		213T	HM9129T	696	LS	17.89	128	89.5	208-230/460	10.1	1
10	1800	215T	EHM9132T	1,316	LS	19.03	126	90.2	208-230/460	12.8	1
		215T	HM9132T	850	LS	19.03	127	89.5	208-230/460	13.5	1
15	1800	254T	EHM9135T	2,030	LS	23.57	255	91.7	230/460	18.3	1,30
		254T	HM9135T	1,453	LS	21.07	236	91	208-230/460	18.5	1
20	1800	256T	EHM9139T	2,461	LS	23.28	265	91.7	230/460	24	1,30
		256T	HM9139T	1,793	LS	22.82	269	91	230/460	25	1,30
25	1800	284T	EHM9142T	3,221	LS	27.76	403	93	230/460	30	1
		284T	HM9142T	2,226	LS	25.97	416	92.4	230/460	29	1,30
30	1800	286T	EHM9146T	3,825	LS	27.76	353	93	230/460	36	1
		286T	HM9146T	2,587	LS	26.08	322	92.4	230/460	36	1,30
40	1800	324T	EHM9149T	5,000	LS	30.40	579	93.6	230/460	46	1
		324T	HM9149T	3,454	LS	30.39	455	93	230/460	47	1
50	1800	326T	EHM9152T	5,463	LS	30.40	611	93.6	230/460	58	1
		326T	HM9152T	3,603	LS	30.40	566	93	230/460	59	1,30
60	1800	364T	EHM9155T	8,737	LS	32.84	808	94.1	230/460	70	1
		364T	HM9155T	5,395	LS	32.84	753	93.6	230/460	70	1,30
75	1800	365T	HM9158T	6,665	LS	32.84	810	94.1	230/460	86	1,30
F3 Mounting											
1/2	3600	56	EH3M9101	442	LS	11.35	21	72	230/460	1	2,28
		56	H3M9101	282	LS	11.35	21	68	230/460	1	28
	1800	56	EH3M9102	432	LS	11.35	27	76	230/460	1	28
		56	H3M9102	306	LS	11.35	24	74	230/460	1	28
3/4	3600	56	EH3M9104	483	LS	11.35	24	81.5	230/460	1	1,28
		56	H3M9104	311	LS	11.35	24	75.5	230/460	1.2	28
1	1800	56	H3M9105	387	LS	11.35	27	75.5	208-230/460	1.5	
		56	EH3M9106	472	LS	11.35	25	77	230/460	1.4	1,28
	3600	56	H3M9106	364	LS	11.35	24	75.5	230/460	1.8	28
		56Z	H3M9110	390	LS	13.22	31	78.5	208-230/460	1.7	
1 1/2	1800	143T	EHM9110T	609	LS	12.31	34	84	208-230/460	0	1
		143T	EH3M9112T	625	LS	13.31	42	84	208-230/460	1.9	1
	3600	143T	H3M9112T	487	LS	13.31	42	82.5	208-230/460	2.1	
		145T	EH3M9114T	635	LS	13.31	39	85.5	208-230/460	2	1
1800	145T	H3M9114T	387	LS	13.31	44	84	208-230/460	2.2		

(a) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

HVAC Variable Torque, Three Phase, TEFC

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
F3 Mounting (continued)											
2	3600	145T	EH3M9117T	685	LS	14.19	49	86.5	230/460	2.4	1,28
		145T	H3M9117T	559	LS	13.31	41	84	208-230/460	2.6	
	1800	145T	H3M9118T	658	LS	14.19	51	85.5	208-230/460	2.7	1
		145T	H3M9118T	405	LS	13.31	45	84	208-230/460	2.9	
3	3600	182T	EH3M9121T	760	LS	15.14	56	86.5	208-230/460	3.6	1
		182T	H3M9121T	590	LS	15.14	68	85.5	208-230/460	3.7	1
	1800	182T	EH3M9122T	740	LS	16.79	75	88.5	208-230/460	3.9	1
		182T	H3M9122T	479	LS	16.52	68	87.5	208-230/460	4.1	
5	3600	184T	EH3M9125T	840	LS	16.79	70	88.5	208-230/460	5.6	1
		184T	H3M9125T	679	LS	16.79	69	87.5	208-230/460	5.8	1
	1800	184T	EH3M9126T	810	LS	18.29	92	88.5	230/460	6.4	1,28
		184T	H3M9126T	548	LS	16.79	78	87.5	230/460	7.1	28
7 1/2	3600	213T	EH3M9128T	1,261	LS	17.91	116	89.5	208-230/460	8.6	1
		213T	H3M9128T	999	LS	18.55	105	88.5	208-230/460	8.7	1
	1800	213T	EH3M9129T	1,167	LS	19.03	113	91.7	208-230/460	9.4	1
		213T	H3M9129T	703	LS	17.91	116	89.5	208-230/460	10.1	1
10	3600	215T	EH3M9131T	1,279	LS	19.03	140	90.2	230/460	11.5	1,28
		215T	H3M9131T	1,048	LS	17.91	125	89.5	208-230/460	11.5	1
	1800	215T	EH3M9132T	1,316	LS	19.03	137	90.2	208-230/460	12.8	1
		215T	H3M9132T	858	LS	19.03	128	89.5	208-230/460	13.5	1
15	3600	254T	H3M9133T	1,659	LS	21.57	158	90.2	208-230/460	17	1
		254T	EH3M9135T	2,030	LS	23.57	242	91.7	230/460	18.3	1,28
	1800	254T	H3M9135T	1,466	LS	22.07	187	91	208-230/460	19.4	
20	1800	256T	EH3M9139T	2,461	LS	23.57	248	91.7	230/460	23	1,28
		256T	H3M9139T	1,810	LS	23.57	250	91	230/460	24	1,28

(a) See notes on inside back flap and pages 5-6.

General Information

Premium Efficient Super-E@ Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

**(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	335	K	11.35	22	54	115/230	2.4	2,29
	1200	48Z	CHC3414A	396	K	11.97	25	51	115/230	2.2	2,29
1/3	1800	48Z	CHC3416A	364	K	11.97	25	56	115/230	2.8	2,29
	1200	48Z	CHC3417A	456	K	11.97	27	54	115/230	2.8	2,29
1/2	1800	56Z	CHC3524A	409	K	12.72	28	67	115/230	3.4	2,74
		56Z	CHL3523A	409	K	12.72	28	68	115/230	3.7	3,30,74
	1200	56Z	CHC3525A	524	K	13.54	40	62	115/230	3.6	2,74
3/4	1200	56Z	CHC3526A	648	K	14.42	47	50	115/230	4.6	2,74
		56Z	CHC3528A	620	K	14.42	47	71	115/230	4.5	2,74
Foot Mounted											
1/4	1800	48Z	PSC3413A	336	K	11.34	20	65.5	115/230	1.3	2,29
1/3	1800	48Z	PSC3416A	373	K	11.34	21	62	115/230	1.8	2,29
1/2	1800	48Z	PSC3524A	409	K	11.96	24	65	115/230	3	2,29

(a) See notes on inside back flap and pages 5-6.

**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	476	K	14.29	25	72	208-230/460	1.2	2,20
		56YZ	CFM3136A	492	K	15.30	26	70	208-230/460	1.2	
3/4	1200	48YZ	CFM3046A	516	K	16.02	34	77	208-230/460	1.5	2,20
		56YZ	CFM3146A	533	K	15.30	33	75.5	208-230/460	1.4	
1	1200	56YZ	CFM3156A	607	K	16.30	34	75.5	208-230/460	1.7	1
1 1/2	1200	56YZ	CFM3166A	661	K	17.18	47	76	208-230/460	2.5	

(a) See notes on inside back flap and pages 5-6.

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

BALDOR • RELIANCE

**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	Airflow Ft/Min	Notes (a)
1/4	1800	48	AOM3454	283	K	9.63	19	64	230/460	0.65	800	2,20,30
	1200	48	AOM3455	445	K	9.63	20	68	208-230/460	0.7	800	2,20
1/3	1800	48	AOM3458	316	K	9.63	19	68	230/460	0.85	800	2,20,30
	1200	56	AOM3535	469	K	10.25	25	70	208-230/460	0.9	800	2,20
1/2	1800	56	AOM3538	371	K	10.25	21	70	208-230/460	1	1000	2,20
	1200	56	AOM3539	552	K	10.88	25	72	208-230/460	1.2	1000	2,20
3/4	1800	56	AOM3542	400	K	10.25	23	72	208-230/460	1.6	1000	2,20
	1200	56	AOM3543	575	K	11.75	32	77	208-230/460	1.5	1000	2,20
1	1800	143T	AOM3546T	416	L1	11.81	32	75.5	208-230/460	1.8	800	2
	1200	145T	AOM3556T	527	L1	12.12	35	75.5	208-230/460	1.7	800	2
	900	182T	AOM3617T	1,020	L1	13.62	56	74	208-230/460	2.2	500	2
1 1/2	1800	145T	AOM3554T	433	L1	11.12	28	75.5	208-230/460	2.7	1000	2,20
	1200	182T	AOM3607T	602	L1	13.62	48	78.5	208-230/460	2.5	800	2,20
2	1800	145T	AOM3558T	459	L1	11.12	32	81.5	208-230/460	2.8	1000	2,20
	1200	184T	AOM3614T	646	L1	13.62	56	80	208-230/460	3.2	1200	2,20
	900	213T	AOM3702T	1,548	L1	16.32	88	82.5	208-230/460	3.5	700	2
3	1800	182T	AOM3611T	538	L1	13.62	55	81.5	208-230/460	4.3	1200	2,20
	1200	213T	AOM3704T	810	L1	16.32	90	77	208-230/460	5	1800	2,20
	900	215T	AOM3705T	1,692	L1	17.45	112	86.5	208-230/460	5.2	800	2,20
5	1800	184T	AOM3615T	622	L1	15.00	71	85.5	208-230/460	6.6	1500	1
	1200	215T	AOM3708T	1,159	L1	16.32	111	82.5	208-230/460	7.5	1500	2,20
	900	254T	AOM25904T	2,690	L1	19.63	213	82.5	230/460	8.9	1000	1,30
7 1/2	1800	213T	AOM3710T	798	L1	16.32	114	87.5	208-230/460	10.9	1500	1
10	1800	215T	AOM3714T	968	L1	17.45	125	89.5	208-230/460	13.5	1500	2,20

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