

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 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	EISA Status (a)	Notes (a)
<b>F1 Mounting</b>												
1	1800	56HZ	HM9110T	395	LS	13.22	34	78.5	208-230/460	1.7	D	
		143T	EHM9110T	639	LS	13.31	35	84	208-230/460	1.5	D	1
1 1/2	1800	145T	EHM9114T	666	LS	13.31	43	85.5	208-230/460	2	D	1
		145T	HM9114T	402	LS	13.31	40	84	208-230/460	2.4	D	
2	1800	145T	EHM9118T	691	LS	14.19	51	85.5	208-230/460	2.7	D	1
		145T	HM9118T	422	LS	13.31	42	84	208-230/460	3.1	D	
3	1800	182T	EHM9122T	777	LS	16.79	74	88.5	208-230/460	3.9	D	1
		182T	HM9122T	499	LS	16.52	63	87.5	208-230/460	4.2	D	
5	1800	184T	EHM9126T	850	LS	18.29	92	88.5	230/460	6.4	D	1, 30
		184T	HM9126T	570	LS	16.79	75	87.5	230/460	7.1	D	30
7 1/2	1800	213T	EHM9129T	1,224	LS	19.03	115	91.7	208-230/460	9.4	D	1
		213T	HM9129T	730	LS	17.91	128	89.5	208-230/460	10.1	D	1
10	1800	215T	EHM9132T	1,381	LS	19.03	126	90.2	208-230/460	12.8	D	1
		215T	HM9132T	892	LS	19.03	127	89.5	208-230/460	13.5	D	1
15	1800	254T	HM9135T	1,524	LS	21.12	236	91	208-230/460	18.5	D	1
20	1800	256T	EHM9139T	2,582	LS	23.28	265	91.7	230/460	24	D	1, 30
		256T	HM9139T	1,881	LS	22.82	269	91	230/460	25	D	1, 30
25	1800	284T	EHM9142T	3,379	LS	27.76	403	93	230/460	30	D	1
		284T	HM9142T	2,335	LS	25.97	416	92.4	230/460	29	D	1, 30
30	1800	286T	EHM9146T	4,012	LS	27.76	353	93	230/460	36	D	1
		286T	HM9146T	2,714	LS	26.08	322	92.4	230/460	36	D	1, 30
40	1800	324T	EHM9149T	5,244	LS	30.40	579	93.6	230/460	46	D	1
		324T	HM9149T	3,623	LS	30.39	455	93	230/460	47	D	1
50	1800	326T	EHM9152T	5,730	LS	30.40	611	93.6	230/460	58	D	1
		326T	HM9152T	3,779	LS	30.40	566	93	230/460	59	D	1, 30
60	1800	364T	EHM9155T	9,164	LS	32.84	808	94.1	230/460	70	D	1
		364T	HM9155T	5,659	LS	32.84	753	93.6	230/460	70	D	1, 30
75	1800	365T	HM9158T	6,991	LS	32.84	810	94.1	230/460	86	D	1, 30
<b>F3 Mounting</b>												
1/2	3600	56	EH3M9101	463	LS	11.35	21	72	230/460	1	D	2, 28
		56	H3M9101	296	LS	11.35	21	68	230/460	1	D	28
3/4	1800	56	EH3M9102	453	LS	11.35	27	76	230/460	1	D	28
		56	H3M9102	321	LS	11.35	24	74	230/460	1	D	28
1	3600	56	EH3M9104	506	LS	11.35	24	81.5	230/460	1	D	1, 28
		56	H3M9104	327	LS	11.35	24	75.5	230/460	1.2	D	28
1 1/2	1800	56	H3M9105	406	LS	11.35	27	75.5	208-230/460	1.5	D	
		56	EH3M9106	496	LS	11.35	25	77	230/460	1.4	D	1, 28
3/4	3600	56	H3M9106	382	LS	11.35	24	75.5	230/460	1.8	D	28
		56HZ	H3M9110	410	LS	13.22	31	78.5	208-230/460	1.7	D	
1	1800	143T	EH3M9110T	639	LS	12.31	34	84	208-230/460	1.5	D	1
		143T	EH3M9112T	656	LS	13.31	42	84	208-230/460	1.9	D	1
1 1/2	3600	143T	H3M9112T	511	LS	13.31	42	82.5	208-230/460	2.1	D	
		145T	EH3M9114T	666	LS	13.31	39	85.5	208-230/460	2	D	1
3/4	1800	145T	H3M9114T	406	LS	13.31	40	84	208-230/460	2.4	D	

(a) See notes on inside back flap.

■ 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

Light Industrial/Commercial Motors

HVAC Motors

**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	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
2	3600	145T	EH3M9117T	719	LS	14.19	49	86.5	230/460	2.4	D	1, 28
		145T	H3M9117T	587	LS	13.31	41	84	208-230/460	2.6	D	
	1800	145T	EH3M9118T	691	LS	14.19	51	85.5	208-230/460	2.7	D	1
		145T	H3M9118T	425	LS	13.31	45	84	208-230/460	3.1	D	
3	3600	182T	EH3M9121T	798	LS	15.14	56	86.5	208-230/460	3.6	D	1
		182T	H3M9121T	619	LS	15.14	68	85.5	208-230/460	3.7	D	1
	1800	182T	EH3M9122T	777	LS	16.79	75	88.5	208-230/460	3.9	D	1
		182T	H3M9122T	503	LS	16.52	68	87.5	208-230/460	4.2	D	
5	3600	184T	EH3M9125T	881	LS	16.79	70	88.5	208-230/460	5.6	D	1
		184T	H3M9125T	713	LS	16.79	69	87.5	208-230/460	5.8	D	1
	1800	184T	EH3M9126T	850	LS	18.29	92	88.5	230/460	6.4	D	1, 28
		184T	H3M9126T	575	LS	16.79	78	87.5	230/460	7.1	D	28
7 1/2	3600	213T	EH3M9128T	1,323	LS	17.91	116	89.5	208-230/460	8.6	D	1
		213T	H3M9128T	1,048	LS	18.55	105	88.5	208-230/460	8.7	D	1
	1800	213T	EH3M9129T	1,224	LS	19.03	113	91.7	208-230/460	9.4	D	1
		213T	H3M9129T	738	LS	17.91	116	89.5	208-230/460	10.1	D	1
10	1800	215T	EH3M9132T	1,381	LS	19.03	137	90.2	208-230/460	12.8	D	1
		215T	H3M9132T	900	LS	19.03	128	89.5	208-230/460	13.5	D	1
15	3600	254T	H3M9133T	1,740	LS	21.57	158	90.2	208-230/460	17	D	1
	1800	254T	EH3M9135T	2,130	LS	23.57	242	91.7	230/460	18.3	D	1, 28
		254T	H3M9135T	1,538	LS	22.07	187	91	208-230/460	19.4	D	
20	1800	256T	EH3M9139T	2,582	LS	23.57	248	91.7	230/460	23	D	1, 28
		256T	H3M9139T	1,899	LS	23.57	250	91	230/460	24	D	1, 28

<sup>(a)</sup> See notes on inside back flap.

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

Light Industrial/Commercial Motors