

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	EISA Status ^(a)	Notes ^(a)
230/460 Volt, F1 Mounting												
1	1800	143T	EHM3116T	570	LS	11.12	34	85.5	208-230/460	1.4	A	
		143T	HM3116T	361	LS	11.12	31	82.5	208-230/460	1.6	D	
1 1/2	1800	145T	EHM3154T	592	LS	13.00	44	86.5	208-230/460	2.1	A	
		145T	HM3154T	382	LS	11.12	39	84	208-230/460	2.4	D	
2	1800	145T	EHM3157T	636	LS	13.00	46	86.5	208-230/460	2.7	A	
		145T	HM3157T	414	LS	11.62	41	84	208-230/460	3.2	D	
3	1800	182T	EHM3211T	683	LS	15.00	75	89.5	208-230/460	4	A	
		182T	HM3211T	447	LS	14.63	49	86.5	208-230/460	4	D	
5	1800	184T	EHM3218T	742	LS	16.50	82	89.5	208-230/460	6.6	A	
		184T	HM3218T	487	LS	15.00	68	87.5	208-230/460	6.9	D	
7 1/2	1800	213T	EHM3311T	1,081	LS	16.32	114	91	208-230/460	9.6	A	
		213T	HM3311T	677	LS	17.00	92	88.5	208-230/460	10	D	
10	1800	215T	EHM3313T	1,302	LS	17.45	124	91.7	208-230/460	12.5	A	
		215T	HM3313T	848	LS	16.32	108	89.5	208-230/460	13.4	D	
15	1800	254T	EHM2523T	1,839	LS	21.69	234	93	208-230/460	17.7	A	
		254T	HM2523T	1,305	LS	19.75	159	91	208-230/460	19	D	
20	1800	256T	EHM2515T	2,303	LS	21.69	255	93	230/460	23.5	A	30
		256T	HM2515T	1,558	LS	22.25	235	91.7	230/460	24	D	30
25	1800	284T	EHM2531T	2,802	LS	23.81	330	93.6	230/460	30	A	30
		284T	HM2531T	1,926	LS	23.44	226	91.7	230/460	30	D	30
30	1800	286T	EHM2535T	3,063	LS	25.06	379	94.1	230/460	35	A	30
		286T	HM2535T	2,224	LS	24.94	249	92.4	230/460	36	D	30
40	1800	324T	EHM2539T	3,988	LS	26.69	523	94.1	230/460	46	A	30
		324T	HM2539T	2,866	LS	26.19	340	93	230/460	47.5	D	30
50	1800	326T	EHM2543T	4,893	LS	27.69	515	94.5	230/460	57	A	30
		326T	HM2543T	3,322	LS	27.19	378	93	230/460	60.5	D	30
60	1800	364T	EHM2547T	5,533	LS	29.94	557	95	208-230/460	68	A	
		364T	HM2547T	4,100	LS	27.94	479	93.6	230/460	72.5	D	30
75	1800	365T	EHM2551T	6,787	LS	33.72	616	95	230/460	85	A	
		365T	HM2551T	5,021	LS	29.94	544	94.1	230/460	88	D	30
100	1800	404T	EHM2555T	7,737	LS	36.97	552	95.4	208-230/460	113	A	
		404T	HM2555T	6,375	LS	35.22	618	94.1	230/460	119	D	30

^(a) 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

HVAC Motors

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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)
230/460 Volt, F2 Mounting												
1	1800	143T	EHFM3116T	570	LS	11.12	33	85.5	208-230/460	1.4	A	
		143T	HFM3116T	364	LS	11.12	31	82.5	208-230/460	1.6	D	
1 1/2	1800	145T	EHFM3154T	592	LS	13.00	41	86.5	208-230/460	2.1	A	
		145T	HFM3154T	386	LS	11.12	36	84	208-230/460	2.4	D	
2	1800	145T	EHFM3157T	636	LS	13.00	46	86.5	208-230/460	2.7	A	
		145T	HFM3157T	418	LS	11.62	41	84	208-230/460	3.2	D	
3	1800	182T	EHFM3211T	683	LS	15.00	72	89.5	208-230/460	4	A	
		182T	HFM3211T	451	LS	14.00	49	86.5	208-230/460	4.2	D	
5	1800	184T	EHFM3218T	742	LS	16.50	82	89.5	208-230/460	6.6	A	
		184T	HFM3218T	491	LS	15.00	66	87.5	208-230/460	6.9	D	
7 1/2	1800	213T	EHFM3311T	1,081	LS	16.32	112	91	208-230/460	9.7	A	
		213T	HFM3311T	684	LS	17.00	92	88.5	208-230/460	10	D	
10	1800	215T	EHFM3313T	1,302	LS	17.45	134	91.7	208-230/460	12.5	A	
		215T	HFM3313T	856	LS	16.32	111	89.5	208-230/460	13.4	D	
15	1800	254T	EHFM2523T	1,839	LS	21.69	245	93	208-230/460	17.7	A	
		254T	HFM2523T	1,281	LS	19.75	157	91	208-230/460	19	D	
20	1800	256T	EHFM2515T	2,303	LS	21.69	245	93	230/460	23.5	A	30
		256T	HFM2515T	1,559	LS	21.69	229	91	230/460	25	D	30
25	1800	284T	EHFM2531T	2,802	LS	23.81	330	93.6	230/460	30	A	30
		284T	HFM2531T	1,890	LS	23.44	226	91.7	230/460	30	D	30
30	1800	286T	EHFM2535T	3,063	LS	25.06	379	94.1	230/460	35	A	30
		286T	HFM2535T	2,183	LS	24.94	255	92.4	230/460	36	D	30
40	1800	324T	EHFM2539T	3,988	LS	26.69	479	94.1	230/460	46	A	30
		324T	HFM2539T	2,814	LS	26.19	365	93	230/460	47.5	D	30
50	1800	326T	EHFM2543T	4,893	LS	27.69	505	94.5	230/460	57	A	30
		326T	HFM2543T	3,261	LS	27.19	369	93	230/460	60.5	D	30
60	1800	364T	EHFM2547T	5,533	LS	30.69	563	95	230/460	68	A	30
		364T	HFM2547T	4,025	LS	27.94	479	93.6	230/460	72.5	D	30
75	1800	365T	EHFM2551T	6,787	LS	33.72	616	95	230/460	85	A	
		365T	HFM2551T	4,928	LS	29.94	544	94.1	230/460	88	D	30
100	1800	404T	EHFM2555T	7,737	LS	36.97	552	95.4	208-230/460	113	A	
		404T	HFM2555T	6,259	LS	35.22	618	94.1	230/460	119	D	30
200 Volt												
1	1800	143T	EHM3116T-8	570	LS	11.12	34	85.5	200	3.2	B	30
1 1/2	1800	145T	EHM3154T-8	592	LS	12.12	44	86.5	200	4.8	B	30
2	1800	145T	EHM3157T-8	636	LS	13.00	46	86.5	200	6.1	B	30
3	1800	182T	EHM3211T-8	683	LS	15.00	72	89.5	200	9.3	B	
5	1800	184T	EHM3218T-8	742	LS	15.00	73	89.5	200	15	B	
7 1/2	1800	213T	EHFM3311T-8	1,081	LS	16.32	108	91	200	22.2	B	6
		213T	EHM3311T-8	1,081	LS	16.32	108	91	200	22.2	B	
10	1800	215T	EHM3313T-8	1,302	LS	17.45	124	91.7	200	29.5	B	
15	1800	254T	EHM2523T-8	1,839	LS	21.69	234	93	200	40.7	B	
20	1800	256T	EHM2515T-8	2,303	LS	21.69	250	93	200	54.3	B	
25	1800	284T	EHM2531T-8	2,802	LS	23.81	330	93.6	200	69.5	B	
30	1800	286T	EHM2535T-8	3,063	LS	25.06	379	94.1	200	81	B	30
40	1800	324T	EHM2539T-8	3,988	LS	26.69	523	94.1	200	107	B	30
50	1800	326T	EHM2543T-8	4,893	LS	27.69	515	94.5	200	132	B	30
575 Volt												
3	1800	182T	EHM3211T-5	683	LS	15.00	66	89.5	575	3.1	A	
5	1800	184T	EHM3218T-5	742	LS	15.00	70	89.5	575	5.2	A	
10	1800	215T	EHM3313T-5	1,302	LS	17.45	123	91.7	575	10	A	
15	1800	254T	EHM2523T-5	1,839	LS	21.69	234	93	575	14.1	A	
20	1800	256T	EHM2515T-5	2,303	LS	21.69	250	93	575	18.9	A	
25	1800	284T	EHM2531T-5	2,802	LS	23.81	330	93.6	575	24.2	A	

^(a) See notes on inside back flap.