

Three Phase, Totally Enclosed, Foot Mounted

1/2 thru 200 Hp

NEMA 56 thru 449T



Applications: Energy saving applications where continuous operation is required. Suitable for use with inverter drives for variable torque and constant torque ratings as shown on page 215. NEMA Premium® efficiency, Inverter Ready per NEMA standard MG1 Part 31.4.4.2.

Features: Super-E® motors have Class F insulation, 1.15 service factor, low-loss electrical grade lamination steel, NEMA Premium® efficiency and 3 year warranty.

Hp	RPM	NEMA Frame	Encl.	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status (a)	Notes (a)	
1/2	1800	56	TEFC	EM3538	583	LS	12.23	32	82.5	230/460	0.8	C	1, 30	
	3600	56	TEFC	EM3545	565	K	12.25	33	84	230/460	1.4	C	1, 30	
1	1800	56	TEFC	EM3546	652	LS	13.23	39	85.5	208-230/460	1.5	C	1	
		143T	TEFC	EM3546T	623	LS	13.31	37	85.5	230/460	1.5	A	1, 30	
		143T	TEFC	EM3581T	805	L1	12.53	54	85.5	230/460	1.5	A	1, 30	
		56	TEFC	EM3556	741	K	15.48	57	82.5	230/460	1.7	C	1, 30	
	1200	145T	TEFC	EM3556T	746	L1	15.56	39	82.5	230/460	1.7	A	1, 30	
		145T	TEFC	EM3582T	902	L1	12.55	64	82.5	230/460	1.7	A	1, 30	
1 1/2	3600	56	TEFC	EM3550	598	K	13.25	41	84	208-230/460	2	C	1	
		143T	TEFC	EM3550T	640	L1	13.31	41	84	208-230/460	2	A	1	
		143T	TEFC	EM3583T	851	L1	12.55	57	84	208-230/460	2	A	1	
	1800	56	TEFC	EM3554	724	LS	14.10	48	86.5	208-230/460	2.1	C	1	
		145T	TEFC	EM3554T	648	LS	14.19	48	86.5	230/460	2.1	A	1, 30	
		145T	TEFC	EM3584T	835	L1	12.53	60	86.5	230/460	2.1	A	1, 30	
	1200	182T	TEFC	EM3607T	872	L1	19.77	138	87.5	230/460	7.2	A	1, 30	
		182T	TEFC	EM3667T	1,073	L1	15.24	100	87.5	208-230/460	2.6	A	1	
	2	3600	56	TEFC	EM3555	658	K	14.12	48	85.5	208-230/460	2.5	C	1
			145T	TEFC	EM3555T	701	L1	14.19	49	85.5	208-230/460	2.5	A	1
145T			TEFC	EM3586T	894	L1	12.55	64	85.5	208-230/460	2.5	A	1	
1800		56	TEFC	EM3558	766	LS	14.10	49	86.5	208-230/460	2.8	C	1	
		145T	TEFC	EM3558T	672	LS	14.19	49	86.5	208-230/460	2.7	A	1	
		145T	TEFC	EM3587T	875	L1	12.55	65	86.5	208-230/460	2.8	A	1	
1200		184T	TEFC	EM3614T	914	L1	18.05	79	88.5	208-230/460	3.3	A		
		184T	TEFC	EM3664T	1,090	L1	15.24	109	88.5	208-230/460	3.5	A	1	
3		3600	145T	TEFC	EM3559T	786	L1	15.56	58	86.5	208-230/460	3.7	A	
	182T		TEFC	EM3610T	777	L1	16.55	66	86.5	230/460	3.5	A	1, 30	
	182T		TEFC	EM3660T	966	L1	15.24	85	86.5	230/460	3.5	A	1, 30	
	1800	182T	TEFC	EM3611T	742	LS	18.05	69	89.5	230/460	4.2	A	1	
		182T	TEFC	EM3661T	993	L1	15.24	92	89.5	230/460	4	A	1, 30	
	1200	213T	TEFC	EM3704T	1,189	L1	19.02	132	89.5	230/460	4.5	A	1, 30	
213T		TEFC	EM3764T	1,358	L1	18.45	175	89.5	230/460	4.5	A	1, 30		
5	3600	184T	TEFC	EM3613T	862	L1	16.55	77	88.5	230/460	5.6	A	1, 30	
		184T	TEFC	EM3663T	1,189	L1	15.24	99	88.5	230/460	5.7	A	1, 30, 48	
	1800	184T	TEFC	EM3615T	812	LS	18.05	95	89.5	230/460	6.5	A	1, 30	
		184T	TEFC	EM3665T	1,016	L1	15.24	114	89.5	230/460	6.5	A	1, 30	
	1200	215T	TEFC	EM3708T	1,343	L1	19.77	138	89.5	230/460	7.2	A	1, 30	
		215T	TEFC	EM3768T	1,576	L1	18.45	193	89.5	230/460	7.3	A	1, 30	
7 1/2	3600	184T	TEFC	EM3616T	1,137	L1	18.05	96	89.5	208-230/460	8.4	A	1	
		213T	TEFC	EM3709T	1,291	L1	17.89	126	89.5	230/460	8.9	A	1, 30	
		213T	TEFC	EM3769T	1,376	L1	18.45	165	89.5	230/460	8.6	A	1, 30, 48	
	1800	213T	TEFC	EM3710T	1,171	LS	19.02	125	91.7	230/460	9.4	A	1, 30	
		213T	TEFC	EM3770T	1,326	L1	18.45	170	91.7	230/460	9.5	A	1, 30	
	1200	254T	TEFC	EM2276T	2,247	L1	23.16	298	91	230/460	10.7	A	2, 30	

(a) See notes on inside back flap.

Custom TEFC motors available through 2,250 Hp; Open and WPIL custom motors through 15,000 Hp. Contact your Baldor•Reliance Sales Representative.

■ Cast Iron Frame

Three Phase, Totally Enclosed, Foot Mounted

Hp	RPM	NEMA Frame	Encl.	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status (a)	Notes (a)
10	3600	215T	TEFC	EM3711T	1,309	L1	19.02	154	90.2	230/460	11.2	A	1, 30
		215T	TEFC	EM3771T	1,613	L1	18.45	185	90.2	230/460	11.2	A	1, 30
	1800	215T	TEFC	EM3714T	1,322	LS	20.52	158	91.7	230/460	12.5	A	1, 30
		215T	TEFC	EM3774T	1,487	L1	18.45	231	91.7	230/460	12.5	A	1, 30
	1200	256T	TEFC	EM2332T	2,565	L1	23.16	282	91	230/460	14.2	A	1, 30
15	3600	215T	TEFC	EM3713T	1,847	L1	20.52	175	91	230/460	17	A	1, 30
		254T	TEFC	EM2394T	2,222	L1	23.16	270	91	230/460	17.2	A	1, 30
	1800	254T	TEFC	EM2333T	2,037	LS	23.16	255	92.4	230/460	18.5	A	1, 30
	1200	284T	TEFC	EM4100T	3,421	L1	27.76	421	91.7	230/460	19.7	A	1, 30
20	3600	256T	TEFC	EM4106T	2,439	L1	23.16	258	91	230/460	23	A	1, 30
	1800	256T	TEFC	EM2334T	2,470	LS	23.16	291	93	230/460	24	A	1, 30
	1200	286T	TEFC	EM4102T	4,555	L1	27.76	455	91.7	208-230/460	26	A	1
25	3600	256T	TEFC	EM4118T	2,844	L1	23.16	299	91.7	230/460	28	A	
		284TS	TEFC	EM4107T	3,182	L1	25.24	383	91.7	230/460	28	A	1, 30
	1800	284T	TEFC	EM4103T	3,231	LS	27.76	398	93.6	230/460	30	A	1, 30
		284T	TEFC	EM4103T-12	3,299	L1	27.76	398	93.6	230/460	30	A	1, 25, 30
	1200	324T	TEFC	EM4111T	5,154	L1	30.39	522	93	230/460	32	A	1, 30
30	3600	286TS	TEFC	EM4108T	3,781	L1	25.24	382	91.7	230/460	33	A	1, 30
	1800	286T	TEFC	EM4104T	3,833	LS	27.76	433	93.6	230/460	36	A	1, 30
		286T	TEFC	EM4104T-12	3,841	L1	27.76	433	93.6	230/460	38	A	1, 25
	1200	326T	TEFC	EM4117T	5,954	L1	30.28	606	93	230/460	39	A	1, 30
40	3600	324TS	TEFC	EM4109T	5,182	L1	28.78	502	92.4	230/460	45	A	1, 30
	1800	324T	TEFC	EM4110T	5,012	LS	30.28	602	94.1	230/460	46	A	1, 30
		324T	TEFC	EM4110T-12	5,121	L1	30.28	602	94.1	230/460	46	A	1, 25, 30
		1200	364T	TEFC	EM4308T	7,419	L1	32.84	834	94.1	230/460	50.5	A
50	3600	326TS	TEFC	EM4114T	5,669	L1	28.90	578	93	208-230/460	56	A	1, 30
	1800	326T	TEFC	EM4115T	5,477	LS	30.28	676	94.5	230/460	58	A	1, 30
		326T	TEFC	EM4115T-12	5,588	L1	30.28	676	94.5	230/460	58	A	1, 25
		1200	365T	TEFC	EM4115TS	5,538	L1	28.75	676	94.5	230/460	58	A
	1200	365T	TEFC	EM4312T	8,965	L1	32.84	858	94.1	230/460	61	A	1, 30
60	3600	364TS	TEFC	EM4310T	7,964	L1	30.72	816	93.6	230/460	68	A	1, 30
	1800	364T	TEFC	EM4314T	7,881	LS	32.84	814	95	230/460	69	A	1, 30
		364T	TEFC	EM4314T-12	8,056	L1	33.44	873	95	230/460	68	A	1, 25
		1200	404T	TEFC	EM4314TS	7,881	L1	31.31	873	95	230/460	68	A
	1200	404T	TEFC	EM4403T	10,882	L1	38.06	1214	94.5	230/460	72.5	A	1, 30
75	3600	365TS	TEFC	EM4313T	9,265	L1	30.72	878	93.6	230/460	83	A	1, 30
	1800	365T	TEFC	EM4316T	9,215	LS	32.84	908	95.4	230/460	86.5	A	1, 30
		365T	TEFC	EM4316T-12	9,430	L1	33.44	913	95.4	230/460	86	A	1, 25
		1200	405T	TEFC	EM4316TS	9,215	L1	31.31	913	95.4	230/460	86	A
	1200	405T	TEFC	EM4404T	12,672	L1	38.06	1213	94.5	230/460	88	A	1, 30
100	3600	405TS	TEFC	EM4402T-4	11,846	L1	35.31	1288	94.1	460	110	A	1
	1800	405T	TEFC	EM4400T	11,444	LS	37.22	1243	95.4	230/460	112	A	1
		405T	TEFC	EM4400T-12	11,422	L1	38.31	1323	95.4	230/460	112	A	1, 25
		1200	444T	TEFC	EM4400TS	11,444	L1	38.31	1323	95.4	230/460	112	A
	1200	444T	TEFC	EM4409T-4	15,294	L1	44.75	1779	95	460	115	A	1
125	3600	444TS	TEFC	EM4412T-4	14,642	L1	40.98	1711	95	460	137	A	1
	1800	444T	TEFC	EM4410T-4	14,167	LS	44.75	1449	95.4	460	139	A	1
		444TS	TEFC	EM4410TS-4	14,167	L1	40.98	1800	95.4	460	139	A	1
	1200	445T	TEFC	EM4411T-4	17,993	L1	44.75	1881	95	460	143	A	1
150	3600	445TS	TEFC	EM4413T-4	17,228	L1	40.98	1933	95	460	164	A	1
	1800	445T	TEFC	EM4406T-4	16,296	LS	44.75	1672	95.8	460	173	A	1, 25
		445TS	TEFC	EM4406TS-4	16,296	L1	40.98	1932	95.8	460	165	A	1
	1200	445T	TEFC	EM44156T-4	20,609	L1	48.24	2300	95.8	460	170	A	1
200	3600	447TS	TEFC	EM4416T-4	20,648	L1	44.48	1995	95.4	460	216	A	1
	1800	445T	TEFC	EM4407T-4	20,386	L1	48.24	2417	96.2	460	221	A	1
		445TS	TEFC	EM4407TS-4	20,386	L1	44.48	2417	96.2	460	221	A	1
		1200	447T	TEFC	EM4407TR-4	20,443	L1	48.40	1875	96.2	460	221	A
	1200	449T	TEFC	EM44206T-4	25,427	L1	53.24	2809	95.8	460	227	A	1

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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