

**Three Phase,
Totally Enclosed,
Foot Mounted**

1/8 thru 400 Hp

NEMA 42 thru 449T

Applications: Pumps, compressors, fans, conveyors, machine tools and other general purpose three phase applications.



Features: Suitable for mounting in any position. Ball bearings, heavy-gauge steel and cast-iron frames, gasketed conduit boxes, 1.15 service factor or greater, and low-loss electrical grade lamination steel. Super-E® motors have NEMA Premium® efficiency and 3 year warranty. Motors with TR suffix have roller bearings for heavy belted loads.

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/8	1800	42	TEFC	M3353	376	K	9.56	16	44	230/460	0.5	30
1/6	1800	42	TEFC	M3355	426	K	9.56	17	62	230/460	0.6	30, 13
	1200	48	TEFC	M3452	439	K	10.73	17	57.5	230/460	0.6	30, 13
1/4	1800	48	TEFC	M3454	311	K	10.73	19	64	230/460	0.7	30, 13
		48	TENV	NM3454	326	K	9.62	20	68	230/460	0.5	1, 30, 13
		56	TENV	NM3454/35	524	K	11.06	28	80	230/460	0.4	1, 30, 48
	1200	48	TEFC	M3455	489	K	10.73	18	68	230/460	0.7	30, 13
		48	TENV	NM3455	450	K	9.62	19	68	230/460	0.7	30
		56	TEFC	M3531	484	K	11.35	23	68	230/460	0.7	30, 13
900	56	TEFC	M3532	705	K	12.23	28	57.5	208-230/460	0.8	13	
1/3	3600	48	TENV	M3457	316	K	9.62	20	72	230/460	0.7	30, 13
	1800	48	TEFC	M3458	379	K	10.73	11	68	230/460	0.8	30, 13
		56	TEFC	M3534	340	LS	11.35	21	68	230/460	0.8	30, 13
		56	TENV	NM3534	365	K	10.25	23	70	230/460	0.7	1, 30, 13
	1200	56	TEFC	M3535	544	K	11.35	22	70	230/460	0.9	30, 13
	900	56	TEFC	M3536	768	K	12.23	29	59.5	208-230/460	1	13
1/2	3600	48	TEFC	M3460	366	K	10.73	19	68	230/460	1	30, 12
		56	TEFC	M3537	366	K	11.35	19	68	230/460	1	30, 12
	1800	48	TEFC	M3461	444	K	10.73	22	74	230/460	1	30, 12
		56	TEFC	EM3538	660	LS	12.23	29	82.5	230/460	0.8	1, 30
		56	TEFC	M3538	389	LS	11.35	23	74	230/460	1	30, 12
		56	TEFC	M3538/35	501	K	12.23	25	72	208-230/460	1.1	1, 48
		56	TENV	NM3538	423	K	10.88	25	75.5	230/460	0.9	1, 30, 12
		56	TENV	NM3538/35	511	K	11.06	27	80	230/460	0.8	1, 30, 48
	1200	56	TEFC	M3539	586	K	11.35	24	72	230/460	1.2	30
		56	TENV	NM3539	644	K	12.06	40	78.5	230/460	1	30
900	56/56H	TEFC	M3560	862	K	12.91	38	70	208-230/460	1.3	36	
3/4	3600	48	TEFC	M3463	403	K	10.73	21	74	230/460	1.3	30, 12
		56	TEFC	M3541	403	K	11.35	21	74	230/460	1.3	30, 12
	1800	48	TEFC	M3464	480	K	10.73	30	75.5	208-230/460	1.5	12
		56	TEFC	M3542	416	LS	11.35	25	75.5	208-230/460	1.5	12
		56	TENV	NM3542	455	K	11.06	29	78.5	230/460	1.4	1, 30, 12
	1200	56/56H	TEFC	M3543	598	K	12.84	32	77	208-230/460	1.5	
		143T	TEFC	M3543T	598	L1	13.41	33	77	208-230/460	1.5	

(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

HVAC Motors

Farm Duty Motors

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Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
1	3600	56	TEFC	EM3545	641	K	12.25	37	77	230/460	1.4	1, 12	
		56	TEFC	M3545	472	K	11.35	23	75.5	230/460	1.8	30, 12	
	1800	56	TEFC	EM3546	738	LS	12.23	35	85.5	208-230/460	1.5	1	
		56	TEFC	M3546	433	LS	12.00	30	78.5	208-230/460	1.7		
		56	TEFC	M3546/35	523	K	12.23	24	82.5	208-230/460	1.6	1, 48	
		56	TENV	NM3546	497	K	12.06	39	85.5	208-230/460	1.5	1, 48	
		143T	TEFC	EM3546T	706	LS	12.31	35	85.5	208-230/460	1.5	1, 30	
		143T	TEFC	EM3581T	913	L1	12.53	51	85.5	208-230/460	1.5	1	
	1200	143T	TENV	NM3546T	523	L1	11.13	34	82.5	208-230/460	1.5	1	
		56/56H	TEFC	M3556	608	K	12.91	37	78.5	208-230/460	1.9	36	
		56	TEFC	EM3556	841	K	13.23	42	82.5	208-230/460	1.8	1	
		145T	TEFC	EM3556T	846	L1	13.31	42	82.5	208-230/460	1.8	1	
1 1/2	900	145T	TEFC	EM3582T	1,023	L1	12.53	56	82.5	208-230/460	1.7	1	
		182T	TEFC	M3617T	1,211	L1	15.17	62	74	208-230/460	2.2	30	
		56	TEFC	EM3550	679	K	12.25	35	84	208-230/460	1.9	1	
	3600	56	TEFC	M3550	515	K	11.97	29	80	208-230/460	2.3		
		143T	TEFC	EM3550T	726	L1	12.31	36	84	208-230/460	1.9	1	
		143T	TEFC	EM3583T	966	L1	12.53	52	84	208-230/460	1.9	1	
		56	TEFC	EM3554	820	LS	13.23	40	86.5	208-230/460	2.2	1	
		56	TEFC	M3554	489	LS	12.23	35	81.5	208-230/460	2.3		
		145T	TEFC	EM3554T	734	LS	13.31	41	86.5	208-230/460	2.2	1	
	1800	145T	TEFC	EM3584T	947	L1	12.53	57	86.5	208-230/460	2.3	1	
		145T	TENV	NM3554T	546	L1	12.12	42	85.5	208-230/460	2.3	1, 48	
		56H	TEFC	M3557	698	K	13.79	46	80	208-230/460	2.5	2, 20, 36	
182T		TEFC	EM3607T	989	L1	16.55	73	87.5	208-230/460	2.4	1		
1200	182T	TEFC	EM3667T	1,217	L1	15.24	93	87.5	208-230/460	2.5	1		
	900	184T	TEFC	M3618T	1,434	L1	18.04	88	77	208-230/460	2.8	2, 20	
	3600	56	TEFC	EM3555	747	K	13.25	42	85.5	208-230/460	2.5	1	
56/56H		TEFC	M3555	579	K	12.84	35	80	208-230/460	2.9			
145T		TEFC	EM3555T	795	L1	13.31	43	85.5	208-230/460	2.5	1		
145T		TEFC	EM3586T	1,014	L1	12.55	59	85.5	208-230/460	2.5	1		
56/56H		TEFC	M3558	528	LS	12.91	40	82.5	208-230/460	3	36		
1800	56	TEFC	EM3558	867	LS	13.23	46	86.5	208-230/460	2.9	1		
	145T	TEFC	EM3558T	761	LS	13.31	45	86.5	208-230/460	2.9	1		
	145T	TEFC	EM3587T	993	L1	12.53	58	86.5	208-230/460	2.9	1		
	184T	TEFC	EM3614T	1,037	L1	18.05	93	88.5	208-230/460	3.5	1		
1200	184T	TEFC	EM3664T	1,237	L1	15.24	109	88.5	230/460	3.2	1		
	900	213T	TEFC	M3702T	1,816	L1	17.89	102	82.5	208-230/460	3.5		
2	3600	56/56H	TEFC	M3559	673	K	12.93	45	82.5	208-230/460	3.8	1, 36	
		145T	TEFC	EM3559T	871	L1	14.19	49	86.5	208-230/460	3.6	1	
		182T	TEFC	EM3610T	882	L1	15.14	50	86.5	208-230/460	3.6	1, 30	
		182T	TEFC	EM3660T	1,096	L1	15.24	84	86.5	208-230/460	3.8	1	
	1800	182T	TEFC	EM3611T	840	LS	16.55	73	89.5	208-230/460	4.2	1	
		182T	TEFC	EM3661T	1,127	L1	15.24	97	89.5	208-230/460	4.1	1	
	1200	213T	TEFC	EM3704T	1,349	L1	19.02	134	89.5	230/460	4.6	1, 30	
		213T	TEFC	EM3764T	1,541	L1	18.45	173	89.5	208-230/460	4.5	1	
	900	215T	TEFC	M3705T	1,985	L1	19.01	139	84	208-230/460	5.6	2, 20	
	3	3600	184T	TEFC	EM3613T	978	L1	16.55	75	88.5	230/460	5.9	1, 30
			184T	TEFC	EM3663T	1,349	L1	15.24	88	88.5	208-230/460	6.3	1
		1800	184T	TEFC	EM3615T	919	LS	18.05	93	89.5	208-230/460	6.7	1
184T			TEFC	EM3665T	1,153	L1	15.24	107	89.5	208-230/460	6.6	1	
1200		215T	TEFC	EM3708T	1,524	L1	19.77	154	89.5	208-230/460	7.3	1	
		215T	TEFC	EM3768T	1,788	L1	18.45	195	89.5	208-230/460	7.4	1	
900		254T	TEFC	M2280T	3,159	L1	22.83	229	85.5	208-230/460	8.3	1	

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■ Cast Iron Frame

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7 1/2	3600	184T	TEFC	EM3616T	1,290	L1	18.05	98	89.5	208-230/460	8.4	1
		213T	TEFC	EM3709T	1,465	L1	17.89	116	89.5	208-230/460	9	1
		213T	TEFC	EM3769T	1,561	L1	18.45	165	89.5	208-230/460	9	1, 30
	1800	213T	TEFC	EM3710T	1,326	LS	19.02	128	91.7	230/460	9.4	1, 30
		213T	TEFC	EM3770T	1,504	L1	18.45	170	91.7	230/460	9.5	1, 30
	1200	254T	TEFC	EM2276T	2,549	L1	23.28	278	91	230/460	10.7	2, 30
900	256T	TEFC	M2401T	3,483	L1	23.28	270	85.5	208-230/460	14	1	
10	3600	215T	TEFC	EM3711T	1,485	L1	17.89	120	90.2	208-230/460	11.8	1
		215T	TEFC	EM3771T	1,830	L1	18.45	182	90.2	230/460	11.8	1, 30
	1800	215T	TEFC	EM3714T	1,497	LS	20.52	162	91.7	208-230/460	12	1
		215T	TEFC	EM3774T	1,687	L1	18.45	191	91.7	230/460	12.2	1, 30
	1200	256T	TEFC	EM2332T	2,909	L1	23.28	290	91	230/460	14.4	1, 30
	900	284T	TEFC	M2402T	4,044	L1	27.76	365	88.5	230/460	13.9	1, 30
15	3600	215T	TEFC	EM3713T	2,095	L1	20.52	169	91	208-230/460	17	1
		254T	TEFC	EM2394T	2,520	L1	23.28	241	91	230/460	17.5	1, 30
	1800	254T	TEFC	EM2333T	2,306	LS	23.28	270	92.4	230/460	18.1	1, 30
	1200	284T	TEFC	EM4100T	3,880	L1	27.76	391	91.7	230/460	21	1, 30
	900	286T	TEFC	M2395T	5,624	L1	27.76	400	88.5	230/460	21.1	1, 30
20	3600	256T	TEFC	EM4106T	2,766	L1	23.28	259	91	230/460	23	1, 30
	1800	256T	TEFC	EM2334T-12	2,865	L1	23.28	291	93	230/460	23	1, 30
		256T	TEFC	EM2334T	2,796	LS	23.28	289	93	230/460	24	1, 30
	1200	286T	TEFC	EM4102T	5,166	L1	27.76	399	91.7	208-230/460	27	1
900	324T	TEFC	M4112T	6,395	L1	30.28	537	89.5	208-230/460	34.1	1	
25	3600	256T	TEFC	EM4118T	3,226	L1	23.28	305	91.7	230/460	27	1
		284TS	TEFC	EM4107T	3,609	L1	24.70	327	91.7	230/460	29	1, 30
	1800	284T	TEFC	EM4103T	3,657	LS	27.76	436	93.6	230/460	30	1, 30
		284T	TEFC	EM4103T-12	3,742	L1	27.56	600	93.6	230/460	30	1, 25, 30
	1200	324T	TEFC	EM4111T	5,845	L1	30.39	445	93	230/460	32	1, 30
900	326T	TEFC	M4116T	7,899	L1	30.28	530	89.5	230/460	37	1	
30	3600	286TS	TEFC	EM4108T	4,288	L1	24.70	347	91.7	230/460	34	1, 30
	1800	286T	TEFC	EM4104T	4,338	LS	27.76	408	93.6	230/460	38	1, 30
		286T	TEFC	EM4104T-12	4,356	L1	27.76	425	93.6	230/460	36	1, 25
	1200	326T	TEFC	EM4117T	6,753	L1	30.28	604	93	230/460	39	1, 30
900	364T	TEFC	M4338T	8,784	L1	32.84	736	91	230/460	44	1, 30	
40	3600	324TS	TEFC	EM4109T	5,877	L1	28.78	528	92.4	230/460	46	1, 30
	1800	324T	TEFC	EM4110T	5,673	LS	30.28	578	94.1	230/460	48	1, 30
		324T	TEFC	EM4110T-12	5,808	L1	30.28	601	94.1	230/460	48	1, 25, 30
	1200	364T	TEFC	EM4308T	8,414	L1	33.48	899	94.1	230/460	49.4	1, 30
900	364T	TEFC	M4348T	10,895	L1	33.44	787	91.7	230/460	53.8	1, 30	
50	3600	326TS	TEFC	EM4114T	6,429	L1	28.78	578	93	208-230/460	56	1
	1800	326T	TEFC	EM4115T	6,199	LS	30.28	642	94.5	208-230/460	58	1
		326T	TEFC	EM4115T-12	6,338	L1	30.28	652	94.5	230/460	58	1, 25
		326TS	TEFC	EM4115TS	6,281	L1	28.78	639	94.5	230/460	58	1
	1200	365T	TEFC	EM4312T	10,167	L1	33.48	902	94.1	230/460	61.7	1, 30
900	405T	TEFC	M4458T	13,379	L1	38.04	1095	92.4	230/460	66.2	1	
60	3600	364TS	TEFC	EM4310T	9,032	L1	31.36	810	95	230/460	65.1	1, 30
	1800	364T	TEFC	EM4314T	8,919	LS	33.48	912	95	230/460	67.8	1, 30
		364T	TEFC	EM4314T-12	9,136	L1	33.48	850	95	230/460	68	1, 25
		364TS	TEFC	EM4314TS	8,938	L1	31.31	907	95	230/460	68	1
	1200	404T	TEFC	EM4403T	12,341	L1	38.45	1187	95	230/460	69	1, 30
900	405T	TEFC	M4468T	15,451	L1	38.31	1106	91.7	230/460	77	1	
75	3600	365TS	TEFC	EM4313T	10,507	L1	31.36	980	94.5	230/460	80.7	1, 30
	1800	365T	TEFC	EM4316T	10,429	LS	33.48	955	95.4	230/460	84.9	1, 30
		365T	TEFC	EM4316T-12	10,695	L1	33.48	955	95.4	230/460	85.9	1, 25
		365TS	TEFC	EM4316TS	10,451	L1	31.31	946	95.4	230/460	85.9	1
	1200	405T	TEFC	EM4404T	14,371	L1	38.20	1229	94.5	230/460	86.8	1, 30

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100	3600	405TS	TEFC	EM4402T-4	13,434	L1	35.04	1187	95	460	110	1, 25
	1800	405T	TEFC	EM4400T	12,952	LS	38.45	1203	95.4	230/460	112	1
		405T	TEFC	EM4400T-12	12,954	L1	38.45	1211	95.4	230/460	112	1, 25
		405TS	TEFC	EM4400TS	12,978	L1	35.44	1206	95.4	230/460	112	1
1200	444T	TEFC	EM4409T-4	17,345	L1	44.75	1828	95	460	119	1	
125	3600	444TS	TEFC	EM4412T-4	16,605	L1	40.83	1901	95	460	137	1
		444TS	TEFC	EM4912T-4	16,605	L1	40.98	1539	95	460	137	1, 99
	1800	444T	TEFC	EM4410T-4	16,033	LS	44.75	1969	95.4	460	144	1
		444TS	TEFC	EM4410TS-4	16,066	L1	44.75	2001	95.4	460	144	1
		444TS	TEFC	EM4910TS-4	16,066	L1	40.98	2080	95.4	460	144	1, 99
		444T	TEFC	EM4410TR-4	17,261	L1	44.75	1988	95.4	460	144	1, 5
	1200	445T	TEFC	EM4411T-4	20,405	L1	44.75	2073	95	460	146	1, 25
		445T	TEFC	EM4911T-4	20,405	L1	44.75	1874	95	460	146	1, 99, 25
150	3600	445TS	TEFC	EM4413T-4	19,538	L1	40.83	1995	95	460	164	1
	1800	445T	TEFC	EM4406T-4	18,443	LS	44.75	1826	95.8	460	169	1, 25
		445TS	TEFC	EM4406TS-4	18,481	L1	40.98	2071	95.8	460	169	1
		445T	TEFC	EM4906T-4	18,443	LS	44.75	2169	95.8	460	169	1, 25, 99
		445T	TEFC	EM4406TR-4	19,708	L1	44.75	1826	95.8	460	169	1, 5
	1200	447T	TEFC	EM44156T-4	23,372	L1	48.24	2571	95.8	460	170	1, 25
		447T	TEFC	EM49156T-4	23,372	L1	48.24	2000	95.8	460	170	1, 99, 25
	200	3600	447TS	TEFC	EM4416T-4	23,416	L1	44.48	2355	95.4	460	213
447TS			TEFC	EM4916T-4	23,416	L1	44.48	2330	95.4	460	213	1, 99
1800		447T	TEFC	EM4407T-4	23,119	L1	48.24	2497	96.2	460	223	1
		447T	TEFC	EM4407T-4E	23,119	L1	48.4	2308	96.2	460	221	1, 56
		447TS	TEFC	EM4407TS-4	23,119	L1	44.48	2487	96.2	460	223	1
		447T	TEFC	EM4907T-4	23,119	L1	48.24	2517	96.2	460	223	1, 99
1200		447T	TEFC	EM4407TR-4	23,184	L1	48.24	2531	96.2	460	223	1, 5
		449T	TEFC	EM44206T-4	28,836	L1	53.24	3017	95.8	460	225	1
250	3600	449TS	TEFC	M44252T-4	31,880	L1	49.48	2569	95.4	460	266	1
		447T	TEFC	M4408T-4	26,362	L1	48.24	2477	95	460	286	1, 25
	1800	447T	TEFC	M4408T-4E	26,362	L1	48.4	2240	95.4	460	278	1, 25, 56
		447T	TEFC	M4408TR-4	26,362	L1	48.24	2510	95	460	286	1, 5, 64
		447TS	TEFC	M4408TS-4	26,362	L1	44.48	2449	95	460	286	1, 25
		447T	TEFC	M4908T-4	26,362	L1	48.24	2545	95	460	286	1, 25, 99
	1200	447T	TEFC	M4908TR-4	26,362	L1	48.24	2510	95	460	286	1, 5, 64, 99
		447TS	TEFC	M4908TS-4	26,362	L1	44.48	2500	95	460	286	1, 25, 99
300	3600	449TS	TEFC	M44302T-4	48,699	L1	49.48	2743	95.4	460	324	1
		449TS	TEFC	M49302T-4	48,699	L1	49.48	2798	95.4	460	324	1, 99
	1800	449T	TEFC	M44304T-4	39,242	L1	53.24	2863	95.4	460	336	1, 25
		449TS	TEFC	M44304TS-4	39,242	L1	49.48	2838	95.4	460	336	1, 25
350	3600	449T	TEFC	M44306T-4	46,794	L1	53.24	2826	95	460	350	1
		449TS	TEFC	M44352T-4	56,256	L1	49.48	2922	95.4	460	370	1, 25
	1800	449T	TEFC	M44354T-4	43,600	L1	53.24	2995	95.4	460	392	1, 25
		449TS	TEFC	M44354TS-4	43,600	L1	49.48	3130	95.4	460	392	1, 25
400	3600	449T	TEFC	M49354T-4	43,600	L1	53.24	3026	95.4	460	392	1, 25, 99
		449TS	TEFC	M49354TS-4	43,600	L1	49.48	3130	95.4	460	392	1, 25, 99
	1800	449TS	TEFC	M44402T-4	68,390	L1	49.48	2994	95.4	460	423	1, 25
		449T	TEFC	M44404T-4	57,021	L1	53.24	3041	95.4	460	448	1, 25

(a) See notes on inside back flap.

■ Cast Iron Frame

Red Catalog Number indicates **NEW** Product.

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

For Super-E® designs larger than 200 Hp, please see Severe Duty ratings on page 34 or contact your local Baldor sales office for a custom design.