

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, and gasketed conduit boxes. Class F insulation, 1.15 service factor, low-loss electrical grade lamination steel. EM 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
	1800	42	TEFC	M3355	426	K	9.56	17	62	230/460	0.6	30
1/6	1200	48	TEFC	M3452	439	K	10.73	17	57.5	230/460	0.6	30
	1800	48	TEFC	M3454	311	K	10.73	18	64	230/460	0.7	30
48		TENV	NM3454	326	K	9.62	21	68	230/460	0.5	1, 30	
56		TENV	NM3454/35	524	K	11.06	28	80	230/460	0.4	1, 30, 48	
1/4	1200	48	TEFC	M3455	489	K	10.73	19	68	230/460	0.7	30
		48	TENV	NM3455	450	K	9.62	19	68	230/460	0.7	2, 30
		56	TEFC	M3531	484	K	11.35	20	68	230/460	0.7	30
	900	56	TEFC	M3532	705	K	12.23	19	57.5	208-230/460	0.8	
1/3	3600	48	TENV	M3457	316	K	9.62	19	72	230/460	0.7	30
	1800	48	TEFC	M3458	379	K	10.73	20	68	230/460	0.8	30
		56	TEFC	M3534	340	LS	11.35	21	68	230/460	0.8	30
		56	TENV	NM3534	365	K	10.25	23	70	230/460	0.7	1, 30
	1200	56	TEFC	M3535	544	K	11.35	22	70	230/460	0.9	30
	900	56	TEFC	M3536	768	K	12.23	20	59.5	208-230/460	1	
1/2	3600	48	TEFC	M3460	366	K	10.73	19	68	230/460	1	30
		56	TEFC	M3537	366	K	11.35	19	68	230/460	1	30
	1800	48	TEFC	M3461	444	K	10.73	22	74	230/460	1	30
		56	TEFC	EM3538	660	LS	12.23	33	82.5	230/460	0.8	1, 30
		56	TEFC	M3538	389	LS	11.35	22	74	230/460	1	30
		56	TEFC	M3538/35	501	K	12.23	32	72	208-230/460	1.1	1, 48
		56	TENV	NM3538	423	K	10.88	26	75.5	230/460	0.9	1, 30
		56	TENV	NM3538/35	511	K	11.06	33	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	39	78.5	230/460	1	30
	900	56/56H	TEFC	M3560	862	K	12.91	37	70	208-230/460	1.3	36
		182	TEFC	M3600	1,082	L1	13.76	37	70	208-230/460	1.3	
3/4	3600	48	TEFC	M3463	403	K	10.73	21	74	230/460	1.3	30
		56	TEFC	M3541	403	K	11.35	21	74	230/460	1.3	30
	1800	48	TEFC	M3464	480	K	10.73	25	75.5	208-230/460	1.5	
		56	TEFC	M3542	416	LS	11.35	26	75.5	208-230/460	1.5	
		56	TENV	NM3542	455	K	11.06	33	78.5	230/460	1.4	1, 30
	1200	56H	TEFC	M3543	598	K	12.84	34	77	208-230/460	1.5	
		143T	TEFC	M3543T	598	L1	13.41	34	77	208-230/460	1.5	
		182	TEFC	M3601	857	L1	13.76	36	72	208-230/460	1.5	
		184	TEFC	M3602	1,082	L1	14.64	50	72	208-230/460	1.6	1

(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

Light Industrial/Commercial Motors

HVAC 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	35	77	230/460	1.4	1
		56	TEFC	M3545	472	K	11.35	24	75.5	230/460	1.8	30
	1800	56	TEFC	EM3546	738	LS	12.23	38	85.5	208-230/460	1.5	1
		56	TEFC	M3546	433	LS	12.00	31	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	38	85.5	208-230/460	1.5	1, 30
		143T	TEFC	EM3581T	913	L1	12.53	56	85.5	208-230/460	1.5	1
		143T	TENV	NM3546T	523	L1	11.13	34	82.5	208-230/460	1.5	1
	1200	182	TEFC	M3603	777	L1	13.76	35	82.5	208-230/460	1.6	
		56/56H	TEFC	M3556	608	K	12.91	31	78.5	208-230/460	1.9	36
		56	TEFC	EM3556	841	K	13.23	37	82.5	208-230/460	1.8	1
		145T	TEFC	EM3556T	846	L1	13.31	41	82.5	208-230/460	1.8	1
		145T	TEFC	EM3582T	1,023	L1	12.53	51	82.5	208-230/460	1.7	1
	900	184	TEFC	M3604	991	L1	13.76	44	80	208-230/460	1.8	
	900	182T	TEFC	M3617T	1,211	L1	15.17	58	74	230/460	2.2	30
1 1/2	3600	56	TEFC	EM3550	679	K	12.25	38	84	208-230/460	1.9	1
		56	TEFC	M3550	515	K	11.97	30	80	208-230/460	2.3	
		143T	TEFC	EM3550T	726	L1	12.29	41	84	208-230/460	1.9	1
		143T	TEFC	EM3583T	966	L1	12.53	56	84	208-230/460	1.9	1
		182	TEFC	M3605	882	L1	13.76	38	82.5	208-230/460	2.1	
	1800	56	TEFC	EM3554	820	LS	13.23	41	86.5	208-230/460	2.2	1
		56	TEFC	M3554	489	LS	12.23	34	81.5	208-230/460	2.3	
		145T	TEFC	EM3554T	734	LS	13.31	41	86.5	208-230/460	2.2	1
		145T	TEFC	EM3584T	947	L1	12.53	49	86.5	208-230/460	2.3	1
		145T	TENV	NM3554T	546	L1	12.12	37	85.5	208-230/460	2.3	1, 48
	1200	184	TEFC	M3606	792	L1	13.76	40	84	208-230/460	2.4	
		56/56H	TEFC	M3557	698	K	13.79	39	80	208-230/460	2.5	2, 20, 36
		182T	TEFC	EM3607T	989	L1	16.55	78	87.5	208-230/460	2.6	1
		182T	TEFC	EM3667T	1,217	L1	15.24	99	87.5	208-230/460	2.5	1
	900	184	TEFC	M3607	1,059	L1	15.69	68	85.5	208-230/460	2.8	
		184T	TEFC	M3618T	1,434	L1	18.04	87	77	230/460	2.8	2, 20
213		TEFC	M3701	1,671	L1	15.89	84	77	230/460	2.7		
2	3600	56	TEFC	EM3555	747	K	13.25	41	85.5	208-230/460	2.5	1
		56H	TEFC	M3555	579	K	12.84	34	80	208-230/460	2.9	
		145T	TEFC	EM3555T	795	L1	13.31	41	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
		184	TEFC	M3608	1,015	L1	13.76	41	84	208-230/460	2.6	
	1800	56/56H	TEFC	M3558	528	LS	12.91	43	82.5	208-230/460	3	36
		56	TEFC	EM3558	867	LS	14.10	48	86.5	208-230/460	2.9	1
		145T	TEFC	EM3558T	761	LS	14.19	48	86.5	208-230/460	2.9	1
		145T	TEFC	EM3587T	993	L1	12.53	56	86.5	208-230/460	2.9	1
		184	TEFC	M3609	835	L1	13.76	45	84	208-230/460	3.1	
	1200	184T	TEFC	EM3614T	1,037	L1	18.05	90	88.5	208-230/460	3.5	1
		184T	TEFC	EM3664T	1,237	L1	15.24	113	88.5	230/460	3.2	1
		213	TEFC	M3712	1,197	L1	18.17	80	86.5	208-230/460	3.5	
	900	213T	TEFC	M3702T	1,816	L1	17.89	91	82.5	208-230/460	3.5	
		215	TEFC	M3702	1,865	L1	17.51	99	82.5	208-230/460	3.5	

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3	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	57	86.5	208-230/460	3.6	1	
		182T	TEFC	EM3610T	882	L1	15.18	63	86.5	230/460	3.7	1, 30	
		182T	TEFC	EM3660T	1,096	L1	15.24	85	86.5	208-230/460	3.8	1	
	1800	184	TEFC	M3610	836	L1	14.64	50	85.5	208-230/460	3.7	1	
		182T	TEFC	EM3611T	840	LS	16.55	70	89.5	208-230/460	4.2	1	
		182T	TEFC	EM3661T	1,127	L1	15.24	95	89.5	208-230/460	4.1	1	
		182	TEFC	M3611	870	L1	14.64	62	87.5	208-230/460	4.2	1	
	1200	213	TEFC	M3703	1,023	L1	18.17	76	87.5	208-230/460	4.1	1	
		213T	TEFC	EM3704T	1,349	L1	19.02	125	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	215	TEFC	M3704	1,259	L1	17.51	115	87.5	208-230/460	4.6	1	
5	3600	215T	TEFC	M3705T	1,985	L1	19.01	123	84	208-230/460	5.6	2, 20	
		184T	TEFC	EM3613T	978	L1	16.55	74	88.5	230/460	5.9	1, 30	
		184T	TEFC	EM3663T	1,349	L1	15.24	90	88.5	208-230/460	6.3	1	
	1800	213	TEFC	M3706	1,424	L1	18.17	70	87.5	208-230/460	5.8	1	
		184T	TEFC	EM3615T	919	LS	18.05	84	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	
		215	TEFC	M3707	1,290	L1	18.17	81	87.5	208-230/460	6.8	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	254U	TEFC	M2275	2,626	L1	20.82	211	87.5	208-230/460	7.5	1	
	7 1/2	3600	254T	TEFC	M2280T	3,159	L1	22.83	229	85.5	208-230/460	8.3	1
			184T	TEFC	EM3616T	1,290	L1	18.05	96	89.5	208-230/460	8.4	1
213T			TEFC	EM3709T	1,465	L1	17.89	155	91	208-230/460	9	1	
213T			TEFC	EM3769T	1,561	L1	18.45	165	91	230/460	8.6	1, 30	
1800		215	TEFC	M3709	1,436	L1	18.17	94	88.5	208-230/460	8.7	1	
		213T	TEFC	EM3710T	1,326	LS	19.02	125	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	
		254U	TEFC	M2237	2,236	L1	22.91	253	89.5	208-230/460	9.3	1	
1200		254T	TEFC	EM2276T	2,549	L1	23.16	294	91	230/460	10.7	2, 30	
		256U	TEFC	M2276	3,157	L1	22.57	229	89.5	208-230/460	10.9	1	
900		256T	TEFC	M2401T	3,483	L1	23.28	285	85.5	208-230/460	14	1	
10		3600	215T	TEFC	EM3711T	1,485	L1	17.89	118	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	
	254U		TEFC	M2393	2,509	L1	20.82	171	89.5	208-230/460	11.5	1	
	1800	215T	TEFC	EM3714T	1,497	LS	20.52	165	91.7	208-230/460	12	1	
		215T	TEFC	EM3774T	1,687	L1	18.45	188	91.7	230/460	12.2	1, 30	
		256U	TEFC	M2238	2,803	L1	22.91	270	89.5	208-230/460	12.7	1	
	1200	256T	TEFC	EM2332T	2,909	L1	23.16	302	91	230/460	14.4	1, 30	
		284U	TEFC	M2332	4,033	L1	26.34	290	89.5	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	23.16	243	91	230/460	17.5	1, 30
			256U	TEFC	M2394	2,602	L1	22.57	225	90.2	208-230/460	17	1
1800		254T	TEFC	EM2333T	2,306	LS	23.16	255	92.4	230/460	18.5	1, 30	
		284U	TEFC	M2333	3,859	L1	26.34	254	91	230/460	18.1	1, 30	
1200		284T	TEFC	EM4100T	3,880	L1	27.76	391	91.7	230/460	21	1, 30	
20	3600	286T	TEFC	M2395T	5,624	L1	27.76	415	88.5	230/460	21.1	1, 30	
		256T	TEFC	EM4106T	2,766	L1	23.16	259	91	230/460	23	1, 30	
	1800	286U	TEFC	M4106	3,759	L1	26.34	282	90.2	230/460	23	1, 30	
		256T	TEFC	EM2334T-12	2,865	L1	23.16	303	93	230/460	23	1, 30	
		256T	TEFC	EM2334T	2,796	LS	23.16	286	93	230/460	24	1, 30	
		286U	TEFC	M2334	4,618	L1	26.88	377	91	230/460	24	1, 30	
1200	286T	TEFC	EM4102T	5,166	L1	27.76	420	91.7	208-230/460	27	1		
900	324T	TEFC	M4112T	6,395	L1	30.28	569	89.5	208-230/460	34.1	1		

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25	3600	256T	TEFC	EM4118T	3,226	L1	23.28	299	91.7	230/460	27	1
		284TS	TEFC	EM4107T	3,609	L1	24.70	283	91.7	230/460	29	1, 30
		324U	TEFC	M4107	5,860	L1	30.76	380	91	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	420	93.6	230/460	30	1, 25, 30
		324U	TEFC	M4103	5,738	L1	30.76	416	92.4	230/460	30	1, 30
		1200	324T	TEFC	EM4111T	5,845	L1	30.39	445	93	230/460	32
900	326T	TEFC	M4116T	7,899	L1	30.28	528	89.5	230/460	37	1	
3600	286TS	TEFC	EM4108T	4,288	L1	24.70	299	91.7	230/460	34	1, 30	
30	1800	286T	TEFC	EM4104T	4,338	LS	27.76	437	93.6	230/460	38	1, 30
		286T	TEFC	EM4104T-12	4,356	L1	27.76	437	93.6	230/460	36	1, 25
		326U	TEFC	M4104	6,806	L1	30.76	391	92.4	230/460	37	1, 30
	1200	326T	TEFC	EM4117T	6,753	L1	30.28	650	93	230/460	39	1, 30
	900	364T	TEFC	M4338T	8,784	L1	32.84	808	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	600	94.1	230/460	48	1, 25, 30
	1200	364T	TEFC	EM4308T	8,414	L1	33.44	908	94.1	230/460	49.4	1, 30
	900	365T	TEFC	M4348T	10,895	L1	33.44	804	91.7	230/460	53.8	1, 30, 35
50	3600	326TS	TEFC	EM4114T	6,429	L1	28.90	575	93	208-230/460	56	1
	1800	326T	TEFC	EM4115T	6,199	LS	30.28	700	94.5	208-230/460	58	1
		326T	TEFC	EM4115T-12	6,338	L1	30.28	700	94.5	230/460	58	1, 25
		326TS	TEFC	EM4115TS	6,281	L1	28.78	700	94.5	230/460	58	1
	1200	365T	TEFC	EM4312T	10,167	L1	33.44	902	94.1	230/460	61.7	1, 30
900	404T	TEFC	M4458T	13,379	L1	38.31	1073	92.4	230/460	66.2	1	
60	3600	364TS	TEFC	EM4310T	9,032	L1	31.31	810	95	230/460	65.1	1, 30
	1800	364T	TEFC	EM4314T	8,919	LS	33.44	885	95	230/460	68	1, 30
		364T	TEFC	EM4314T-12	9,136	L1	33.44	910	95	230/460	68	1, 25
		364TS	TEFC	EM4314TS	8,938	L1	31.31	910	95	230/460	68	1
	1200	404T	TEFC	EM4403T	12,341	L1	38.06	1164	95	230/460	69	1, 30
900	405T	TEFC	M4468T	15,451	L1	38.31	1135	91.7	230/460	77	1	
75	3600	365TS	TEFC	EM4313T	10,507	L1	31.31	878	95	230/460	80.7	1, 30
	1800	365T	TEFC	EM4316T	10,429	LS	33.44	930	95.4	230/460	84.9	1, 30
		365T	TEFC	EM4316T-12	10,695	L1	33.44	965	95.4	230/460	85.9	1, 25
		365TS	TEFC	EM4316TS	10,451	L1	31.31	965	95.4	230/460	85.9	1
	1200	405T	TEFC	EM4404T	14,371	L1	38.06	1217	95	230/460	86.9	1, 30
100	3600	405TS	TEFC	EM4402T-4	13,434	L1	35.31	1076	95	460	110	1
	1800	405T	TEFC	EM4400T	12,952	LS	37.22	1225	95.4	230/460	112	1
		405T	TEFC	EM4400T-12	12,954	L1	38.31	1326	95.4	230/460	112	1, 25
		405TS	TEFC	EM4400TS	12,978	L1	35.31	1326	95.4	230/460	112	1
	1200	444T	TEFC	EM4409T-4	17,345	L1	44.75	1625	95	460	119	1
444T	TEFC	EM4909T-4	17,345	L1	44.75	1625	95	460	119	1, 99		
125	3600	444TS	TEFC	EM4412T-4	16,605	L1	40.98	1539	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	1669	95.4	460	144	1
		444T	TEFC	EM4410T-4E	16,033	LS	44.62	1540	95.8	460	139	1, 56
		444TS	TEFC	EM4410TS-4	16,066	L1	40.98	1800	95.4	460	144	1
		444T	TEFC	EM4910T-4	16,033	LS	44.75	1669	95.4	460	144	1, 99
		444TS	TEFC	EM4910TS-4	16,066	L1	40.98	1800	95.4	460	144	1, 99
	1200	445T	TEFC	EM4411T-4	20,405	L1	44.75	1874	95	460	146	1
		445T	TEFC	EM4911T-4	20,405	L1	44.75	1874	95	460	146	1, 99

(a) See notes on inside back flap.

Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Totally Enclosed, Foot Mounted

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)
150	3600	445TS	TEFC	EM4413T-4	19,538	L1	40.98	2017	95	460	164	1
		445TS	TEFC	EM4913T-4	19,538	L1	40.98	2017	95	460	164	1, 99
	1800	445T	TEFC	EM4406T-4	18,443	LS	44.75	1826	95.8	460	169	1, 25
		445T	TEFC	EM4406T-4E	18,443	LS	44.62	1821	96.2	460	165	1, 56
		445TS	TEFC	EM4406TS-4	18,481	L1	40.98	2184	95.8	460	169	1
		445T	TEFC	EM4906T-4	18,443	LS	44.75	1826	95.8	460	169	1, 25, 99
		445TS	TEFC	EM4906TS-4	18,481	L1	40.98	2184	95.8	460	169	1, 99
		445T	TEFC	EM44156T-4	23,372	L1	48.24	2000	95.8	460	170	1
	1200	445T	TEFC	EM49156T-4	23,372	L1	48.24	2000	95.8	460	170	1, 99
		447TS	TEFC	EM4416T-4	23,416	L1	44.48	2330	95.4	460	213	1
200	3600	447TS	TEFC	EM4916T-4	23,416	L1	44.48	2330	95.4	460	213	1, 99
		445T	TEFC	EM4407T-4	23,119	L1	48.24	2120	96.2	460	223	1
	1800	445T	TEFC	EM4407T-4E	23,119	L1	48.40	2455	96.2	460	221	1, 56
		445TS	TEFC	EM4407TS-4	23,119	L1	44.48	2676	96.2	460	223	1
		445T	TEFC	EM4907T-4	23,119	L1	48.24	2120	96.2	460	223	1, 99
		445TS	TEFC	EM4907TS-4	23,119	L1	44.48	2676	96.2	460	223	1, 99
		447T	TEFC	EM4407TR-4	23,184	L1	48.24	2676	96.2	460	223	1, 5
		447T	TEFC	EM4907TR-4	23,184	L1	48.24	2676	96.2	460	223	1, 5, 99
	1200	449T	TEFC	EM44206T-4	28,836	L1	53.24	3125	95.8	460	225	1
		449T	TEFC	EM49206T-4	28,836	L1	53.24	3125	95.8	460	225	1, 99
250	3600	449TS	TEFC	M44252T-4	31,880	L1	49.48	2623	95.4	460	266	1
		449TS	TEFC	M49252T-4	31,880	L1	49.48	2623	95.4	460	266	1, 99
	1800	447T	TEFC	M4408T-4	26,362	L1	48.24	2545	95	460	286	1, 25
		447T	TEFC	M4408T-4E	26,362	L1	48.40	1877	95.4	460	278	1, 25, 56
		447T	TEFC	M4408TR-4	26,362	L1	48.24	4000	95	460	286	1, 5, 64
		447TS	TEFC	M4408TS-4	26,362	L1	44.48	4000	95	460	286	1, 25
		447T	TEFC	M4908T-4	26,362	L1	48.24	2545	95	460	286	1, 25, 99
		447T	TEFC	M4908TR-4	26,362	L1	48.24	4000	95	460	286	1, 5, 64, 99
	1200	447TS	TEFC	M4908TS-4	26,362	L1	44.48	4000	95	460	286	1, 25, 99
		449T	TEFC	M44256T-4	36,660	L1	53.24	2648	95	460	292	1, 25
300	3600	449T	TEFC	M49256T-4	36,660	L1	53.24	2648	95	460	292	1, 25, 99
		449TS	TEFC	M44302T-4	48,699	L1	49.48	2798	95.4	460	318	1
350	3600	449TS	TEFC	M49302T-4	48,699	L1	49.48	2798	95.4	460	318	1, 99
		449T	TEFC	M44304T-4	39,242	L1	53.24	2892	95.4	460	336	1, 25
	1800	449T	TEFC	M44304T-4E	39,242	L1	53.40	2676	95.4	460	336	1, 25, 56
		449TS	TEFC	M44304TS-4	39,242	L1	49.48	2677	95.4	460	336	1, 25
		449T	TEFC	M49304T-4	39,242	L1	53.24	2892	95.4	460	336	1, 25, 99
		449TS	TEFC	M49304TS-4	39,242	L1	49.48	2677	95.4	460	336	1, 25, 99
		449T	TEFC	M44306T-4	46,794	L1	53.24	2968	95	460	350	1
		449T	TEFC	M49306T-4	46,794	L1	53.24	2968	95	460	350	1, 99
	1200	449TS	TEFC	M44352T-4	56,256	L1	49.48	2855	95.4	460	370	1, 25
		449TS	TEFC	M49352T-4	56,256	L1	49.48	2855	95.4	460	370	1, 25, 99
449T		TEFC	M44354T-4	43,600	L1	53.24	3026	95.4	460	392	1, 25	
449T		TEFC	M44354T-4E	43,600	L1	53.40	3027	95.8	460	394	1, 25, 56	
449TS		TEFC	M44354TS-4	43,600	L1	49.48	3130	95.4	460	392	1, 25	
449T		TEFC	M49354T-4	43,600	L1	53.24	3026	95.4	460	392	1, 25, 99	
400	3600	449TS	TEFC	M49354TS-4	43,600	L1	49.48	3130	95.4	460	392	1, 25, 99
		449TS	TEFC	M44402T-4	68,390	L1	49.48	3149	95.4	460	423	1, 25
	1800	449TS	TEFC	M49402T-4	68,390	L1	49.48	3149	95.4	460	423	1, 25, 99
		449T	TEFC	M44404T-4	57,021	L1	53.24	3027	95.4	460	448	1, 25
		449T	TEFC	M49404T-4	57,021	L1	53.24	3027	95.4	460	448	1, 25, 99

(a) See notes on inside back flap.

Cast Iron Frame

Custom TEFC motors available through 2,250 Hp; Open and WPFI 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.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase,
Totally Enclosed,
C-Face,
Foot Mounted

1/4 thru 100 Hp

NEMA 56C thru 405TC

Applications: Pumps, fans, conveyors, machine tools, gear reducers and other applications requiring a NEMA C-face motor.



Features: CEM Super-E[®] motors have NEMA Premium[®] efficiency and 3 year warranty.

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)	
1/4	1800	56C	TENV	CNM3454/35	524	K	11.07	33	80	230/460	0.4	1, 30, 48	
	1200	56C	TENV	CNM3531	666	K	11.06	35	68	208-230/460	0.5		
1/3	3600	56C	TENV	CNM3457	385	K	10.25	20	72	208-230/460	0.7		
	1800	56C	TEFC	CM3534	377	LS	11.35	22	68	230/460	0.8	30	
1/2	3600	56C	TEFC	CM3537	392	K	11.35	21	68	230/460	1	30	
		56C	TEFC	CM3538	417	LS	11.35	23	74	230/460	1	30	
	1800	56C	TENV	CNM3538/35	536	K	11.06	33	80	230/460	0.8	1, 30, 48	
		56C	TEFC	CM3539	612	K	11.35	24	72	230/460	1.2	30	
	1200	56C	TENV	CNM3539	654	K	12.07	39	78.5	230/460	1	30	
		56C	TEFC	CM3541	428	K	11.35	22	74	230/460	1.3	30	
3/4	3600	56C	TEFC	CM3541	428	K	11.35	22	74	230/460	1.3	30	
	1800	56C	TEFC	CM3542	443	LS	11.35	26	75.5	208-230/460	1.5		
		56C	TENV	CNM3542	481	K	11.07	34	78.5	230/460	1.4	30	
1200	56C	TEFC	CM3543	624	K	12.85	33	77	208-230/460	1.5			
	3600	56C	TEFC	CEM3545	667	K	12.25	35	77	230/460	1.4	1, 30	
		56C	TEFC	CM3545	498	K	11.35	24	75.5	230/460	1.8	30	
1	1800	56C	TEFC	CEM3546	672	K	12.23	38	85.5	208-230/460	1.5	1	
		56C	TEFC	CM3546	476	K	12.00	31	78.5	208-230/460	1.7		
		56C	TENV	CNM3546	549	K	12.06	39	85.5	208-230/460	1.5		
		143TC	TEFC	CEM3546T	741	LS	13.29	35	85.5	208-230/460	1.5	1	
		143TC	TEFC	CEM3581T	972	L1	13.03	56	85.5	208-230/460	1.5	1	
		56C	TEFC	CM3556	634	K	12.23	35	78.5	208-230/460	1.9		
	1200	56C	TEFC	CEM3556T	925	L1	13.29	41	82.5	208-230/460	1.8	1	
		56C	TEFC	CEM3550	706	K	13.25	37	84	208-230/460	1.9		
	1 1/2	3600	56C	TEFC	CM3550	541	K	12.35	31	80	208-230/460	2.3	
			143TC	TEFC	CEM3550T	763	L1	13.29	38	84	208-230/460	1.9	1
143TC			TEFC	CEM3583T	1,073	L1	13.03	56	84	208-230/460	1.9	1	
1800		56C	TEFC	CEM3554	742	K	13.23	41	86.5	208-230/460	2.2	1	
		56C	TEFC	CM3554	518	K	12.23	37	81.5	208-230/460	2.3		
		145TC	TEFC	CEM3554T	769	LS	13.29	41	86.5	208-230/460	2.2	1	
1200		145TC	TEFC	CEM3584T	1,005	L1	13.03	62	86.5	208-230/460	2.3	1	
		56C	TEFC	CM3557	723	K	14.10	39	80	208-230/460	2.5	2, 20	
		182TC	TEFC	CEM3607T	1,072	L1	16.55	79	87.5	208-230/460	2.6	1	
		56C	TEFC	CEM3555	773	K	13.25	46	85.5	208-230/460	2.5	1	
2	3600	56C	TEFC	CM3555	605	K	12.85	33	80	208-230/460	2.9		
		56C	TEFC	CM3555/35	679	K	13.25	41	84	208-230/460	2.6	1, 48	
		145TC	TEFC	CEM3555T	831	L1	13.29	44	85.5	208-230/460	2.5	1	
		145TC	TEFC	CEM3586T	1,076	L1	13.03	59	85.5	208-230/460	2.5	1	
	1800	56C	TEFC	CEM3558	784	K	14.10	48	86.5	208-230/460	2.9	1	
		56C	TEFC	CM3558	555	K	13.23	43	82.5	208-230/460	3		
		145TC	TEFC	CEM3558T	796	LS	14.17	48	86.5	208-230/460	2.9	1	
		145TC	TEFC	CEM3587T	1,052	L1	13.03	56	86.5	208-230/460	2.9	1	
	1200	184TC	TEFC	CEM3614T	1,106	L1	18.05	87	88.5	208-230/460	3.5	1	
		184TC	TEFC	CEM3664T	1,335	L1	16.00	115	88.5	208-230/460	3.2	1	

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Totally Enclosed, C-Face, Foot Mounted

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)	
3	3600	56C	TEFC	CM3559	699	K	13.25	48	82.5	208-230/460	3.8	1	
		145TC	TEFC	CEM3559T	927	L1	14.17	52	86.5	208-230/460	3.6	1	
		182TC	TEFC	CEM3610T	954	L1	15.18	63	86.5	230/460	3.7	1	
		182TC	TEFC	CEM3660T	1,196	L1	16.00	85	86.5	208-230/460	3.8	1	
	1800	182TC	TEFC	CEM3611T	912	LS	16.55	70	89.5	208-230/460	4.2	1	
		182TC	TEFC	CEM3661T	1,226	L1	16.00	101	89.5	208-230/460	4.1	1	
	1200	213TC	TEFC	CEM3704T	1,484	L1	19.76	141	89.5	208-230/460	4.6	1	
		213TC	TEFC	CEM3764T	1,736	L1	19.20	173	89.5	208-230/460	4.5	1	
	5	3600	184TC	TEFC	CEM3613T	1,051	L1	16.55	74	88.5	230/460	5.9	1
			184TC	TEFC	CEM3663T	1,450	L1	16.00	95	88.5	208-230/460	6.3	1
1800		184TC	TEFC	CEM3615T	991	LS	18.05	93	89.5	208-230/460	6.7	1	
		184TC	TEFC	CEM3665T	1,252	L1	16.00	120	89.5	208-230/460	6.6	1	
1200		215TC	TEFC	CEM3708T	1,648	L1	20.51	161	89.5	208-230/460	7.3	1	
		215TC	TEFC	CEM3768T	1,983	L1	19.20	190	89.5	208-230/460	7.4	1	
7 1/2	3600	184TC	TEFC	CEM3616T	1,361	L1	18.05	100	89.5	208-230/460	8.4	1	
		213TC	TEFC	CEM3709T	1,604	L1	18.63	120	89.5	230/460	8.6	1, 30	
		213TC	TEFC	CEM3769T	1,759	L1	19.20	155	91	230/460	8.6	1, 30	
	1800	213TC	TEFC	CEM3710T	1,460	LS	19.76	130	91.7	208-230/460	9.4	1	
		213TC	TEFC	CEM3770T	1,703	L1	19.20	170	91.7	230/460	9.5	1, 30	
		215TC	TEFC	CEM3711T	1,620	L1	18.63	155	90.2	208-230/460	11.8	1	
10	3600	215TC	TEFC	CEM3771T	2,028	L1	19.20	182	90.2	230/460	11.8	1, 30	
		215TC	TEFC	CEM3714T	1,629	LS	21.26	165	91.7	208-230/460	12	1	
	1800	215TC	TEFC	CEM3774T	1,886	L1	19.20	231	91.7	230/460	12.2	1, 30	
		215TC	TEFC	CEM3713T	2,229	L1	21.26	182	91	208-230/460	17	1	
15	254TC	TEFC	CEM2394T	3,119	L1	23.78	253	91	230/460	17.5	1, 30		
	254TC	TEFC	CEM2333T	3,339	LS	23.78	255	92.4	230/460	18.5	1, 30		
20	3600	256TC	TEFC	CEM4106T	3,365	L1	23.78	229	91	230/460	23	1, 30	
	1800	256TC	TEFC	CEM2334T	3,409	L1	23.78	286	93	230/460	24	1, 30	
25	3600	284TSC	TEFC	CEM4107T	4,441	L1	24.71	299	91.7	230/460	27	1, 30	
	1800	284TC	TEFC	CEM4103T	4,508	L1	27.76	393	93.6	230/460	30	1, 30	
30	3600	284TSC	TEFC	CEM4108T	4,955	L1	26.39	385	91.7	208-230/460	33	1	
	1800	286TC	TEFC	CEM4104T	5,194	L1	27.76	422	93.6	230/460	38	1, 30	
40	3600	324TSC	TEFC	CEM4109T	6,763	L1	28.78	528	92.4	230/460	46	1, 30	
	1800	324TC	TEFC	CEM4110T	6,619	L1	30.28	578	94.1	230/460	48	1, 30	
50	3600	326TSC	TEFC	CEM4114T	7,314	L1	28.78	575	93	230/460	56	1, 30	
	1800	326TC	TEFC	CEM4115T	7,148	L1	30.28	633	94.5	230/460	57	1, 30	
60	3600	364TSC	TEFC	CEM4310T	9,998	L1	31.31	830	93.6	230/460	67.3	1	
	1800	364TC	TEFC	CEM4314T	9,966	L1	33.44	896	95	230/460	68	1, 30	
75	3600	365TSC	TEFC	CEM4313T	11,472	L1	31.31	804	93.6	230/460	83.4	1	
	1800	365TC	TEFC	CEM4316T	11,485	L1	33.44	941	95.4	230/460	85.9	1, 30	
100	1800	405TC	TEFC	CEM4400T	15,168	L1	38.31	1360	95.4	230/460	112	1, 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

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase,
Totally Enclosed,
C-Face, Footless

1/4 thru 30 Hp

NEMA 56C thru 286TC



Applications: Pumps, fans, conveyors, machine tools, gear reducers and other applications requiring a NEMA C-face motor.

Features: Ball bearings with a locked drive end bearing and heavy-gauge steel or cast iron frame. VEM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

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)
1/4	1800	56C	TENV	KENM3454	513	K	11.07	33	80	230/460	0.4	30
		56C	TEFC	KM3454	329	K	11.35	19	64	230/460	0.7	30
	1200	56C	TENV	KNM3454	348	K	10.25	19	64	230/460	0.7	2, 20
		56C	TEFC	VM3531	503	K	11.35	19	68	230/460	0.7	30
1/3	3600	56C	TENV	KM3457	336	K	10.25	20	72	230/460	0.7	30
		56C	TENV	KNM3457/35	541	K	11.07	33	78.5	230/460	0.5	1, 30, 48
	1800	56C	TENV	KENM3534	566	K	11.07	35	80	230/460	0.6	1, 30, 48
		56C	TENV	KNM3534	385	K	10.25	22	70	208-230/460	0.7	1, 48
		56C	TEFC	VM3534	356	LS	11.35	20	68	230/460	0.8	30
	1200	56C	TENV	KENM3535	832	K	11.07	35	81.5	230/460	0.6	1, 30, 48
		56C	TEFC	VM3535	565	K	11.35	21	70	230/460	0.9	30
	1/2	3600	56C	TEFC	VM3537	386	K	11.35	19	68	230/460	1
56C			TENV	VNM3537	543	K	11.07	35	77	230/460	0.8	1, 48
1800		56C	TEFC	VEM3538	695	LS	12.24	31	82.5	230/460	0.8	1, 30, 48
		56C	TENV	VENM3538	641	K	11.06	35	84	230/460	0.9	30
		56C	TEFC	VM3538	408	LS	11.35	22	74	230/460	1	30
1200		56C	TENV	VNM3538	444	K	10.25	22	74	208-230/460	1	2, 20
		56C	TEFC	VM3539	606	K	11.35	23	72	230/460	1.2	30
3/4		3600	56C	TEFC	VM3541	422	K	11.35	21	74	230/460	1.3
	56C		TENV	VNM3541	580	K	11.07	38	84	208-230/460	1	1, 48
	1800	56C	TEFC	VEM3542	738	LS	12.24	35	84	230/460	1.1	1
		56C	TENV	VENM3542	700	L1	11.07	35	84	230/460	1.1	1, 30, 48
		56C	TEFC	VM3542	434	LS	11.35	25	75.5	208-230/460	1.5	
	1200	56C	TENV	VNM3542	450	K	11.75	30	75	230/460	1.3	30
		56C	TEFC	VM3543	620	K	12.85	32	77	208-230/460	1.5	
	3600	143TC	TEFC	VM3543T	620	L1	13.41	33	77	208-230/460	1.5	
56C		TEFC	VEM3545	663	K	12.24	35	77	230/460	1.4	1, 30	
1	3600	56C	TEFC	VM3545	494	K	11.35	24	75.5	230/460	1.8	30
		56C	TEFC	VEM3546	760	LS	12.23	38	85.5	208-230/460	1.5	1
		56C	TEFC	VEM3581	968	K	12.47	56	85.5	208-230/460	1.5	1
		56C	TEFC	VM3546	453	LS	12.00	31	78.5	230/400	1.7	
		56C	TENV	VNM3546	531	K	12.06	39	85.5	208-230/460	1.5	1, 48
		143TC	TEFC	VEM3546T	775	LS	12.29	38	85.5	208-230/460	1.5	1
	1800	143TC	TEFC	VEM3581T	968	L1	13.03	56	85.5	208-230/460	1.5	1
		143TC	TENV	VENM3546T	706	L1	12.12	39	85.5	208-230/460	1.5	1, 48
		143TC	TENV	VENM3581T	1,011	L1	11.36	58	85.5	208-230/460	1.5	1, 48
		143TC	TEFC	VM3546T	551	LS	12.29	35	80	230/400	1.8	
		182C	TEFC	VM3603	937	L1	12.31	35	82.5	208-230/460	1.6	
		1200	56C	TEFC	VEM3556	861	K	13.24	41	82.5	208-230/460	1.8
56C	TEFC		VM3556	632	K	12.23	35	78.5	208-230/460	1.9		
145TC	TEFC		VM3556T	742	L1	13.39	37	80	208-230/460	1.8		

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Totally Enclosed, C-Face, Footless

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 1/2	3600	56C	TEFC	VEM3550	699	K	12.23	41	84	208-230/460	1.9	1
		56C	TEFC	VM3550	537	K	11.97	28	80	208-230/460	2.3	
		143TC	TEFC	VM3550T	623	L1	12.29	38	82.5	208-230/460	2.1	
	1800	56C	TEFC	VEM3554	845	LS	13.24	41	86.5	208-230/460	2.2	1
		56C	TEFC	VM3554	509	LS	12.23	37	81.5	208-230/460	2.3	
		145TC	TEFC	VEM3554T	809	LS	13.29	41	86.5	208-230/460	2.2	1
		145TC	TEFC	VEM3584T	970	L1	13.03	62	86.5	208-230/460	2.3	1
		145TC	TEFC	VM3554T	561	LS	13.29	40	84	208-230/460	2.4	
		184C	TEFC	VM3606	996	L1	13.31	40	84	208-230/460	2.4	
	1200	56C	TEFC	VM3557	722	K	14.10	39	80	208-230/460	2.5	2, 20
		145TC	TEFC	VM3557T	775	L1	15.55	65	85.5	208-230/460	2.7	2, 20
		184C	TEFC	VM3607	1,118	L1	15.68	68	85.5	208-230/460	2.8	
2	3600	56C	TEFC	VEM3555	767	K	13.24	41	85.5	208-230/460	2.5	1
		56C	TEFC	VM3555	598	K	12.85	33	80	208-230/460	2.9	
		143TC	TEFC	VM3555T	710	L1	13.29	41	84	208-230/460	2.6	
	1800	56C	TEFC	VEM3558	891	LS	14.12	48	86.5	208-230/460	2.9	1
		56C	TEFC	VM3558	546	LS	13.23	43	82.5	208-230/460	3	
		145TC	TEFC	VEM3558T	832	LS	14.17	48	86.5	208-230/460	2.9	1
		145TC	TEFC	VEM3587T	1,045	L1	13.03	56	86.5	208-230/460	2.9	1
		145TC	TEFC	VM3558T	589	LS	13.29	39	84	208-230/460	3.1	
		184C	TEFC	VM3609	1,035	L1	13.31	39	84	208-230/460	3.1	
	1200	184C	TEFC	VM3614	1,169	L1	15.68	72	86.5	208-230/460	3.5	
		184TC	TEFC	VM3614T	938	L1	16.55	72	86.5	208-230/460	3.5	
		184TC	TEFC	VM3664T	1,213	L1	15.98	98	86.5	208-230/460	3.3	1
3	3600	56C	TEFC	VM3559	693	K	13.23	44	82.5	208-230/460	3.8	1
		145TC	TEFC	VM3559T	810	L1	14.17	50	85.5	208-230/460	3.7	1
		182TC	TEFC	VEM3610T	938	L1	15.18	63	86.5	230/460	3.7	1
		182TC	TEFC	VM3610T	887	L1	15.18	50	85.5	208-230/460	3.7	1
		184C	TEFC	VM3610	1,006	L1	14.19	50	85.5	208-230/460	3.7	1
	1800	56C	TEFC	VM3561	726	K	14.10	55	85.5	208-230/460	4.1	1
		145TC	TEFC	VM3561T	784	L1	15.56	62	87.5	208-230/460	4.2	1
		182TC	TEFC	VEM3611T	958	LS	16.55	70	89.5	208-230/460	4.2	1
		182TC	TEFC	VM3661T	1,209	L1	16.00	99	89.5	208-230/460	4.1	1
		182TC	TEFC	VM3611T	711	LS	16.55	62	87.5	208-230/460	4.2	1
		182TC	TEFC	VM3661T	1,146	L1	15.98	100	87.5	208-230/460	4.4	1
		184C	TEFC	VM3611	1,069	L1	15.56	62	87.5	208-230/460	4.2	1
1200	213C	TEFC	VM3703	1,136	L1	16.67	72	87.5	208-230/460	4.1	1	
	213TC	TEFC	VM3704T	1,230	L1	18.63	115	87.5	208-230/460	4.6	1	
	215C	TEFC	VM3704	1,372	L1	18.26	106	87.5	208-230/460	4.6	1	
5	3600	184TC	TEFC	VEM3613T	1,035	L1	16.55	74	88.5	230/460	5.9	1
		184C	TEFC	VM3613	960	L1	15.68	70	87.5	208-230/460	5.8	1
		184TC	TEFC	VM3613T	1,010	L1	16.55	70	87.5	208-230/460	5.8	1
		184TC	TEFC	VM3663T	1,389	L1	15.99	100	87.5	208-230/460	5.9	1
	1800	184TC	TEFC	VEM3615T	1,051	LS	18.05	90	89.5	208-230/460	6.7	1
		184TC	TEFC	VEM3665T	1,237	L1	16.00	120	89.5	208-230/460	6.6	1
		184C	TEFC	VM3615	1,221	L1	15.68	81	87.5	208-230/460	6.8	1
		184TC	TEFC	VM3615T	814	LS	16.55	81	87.5	208-230/460	6.8	1
		184TC	TEFC	VM3665T	1,163	L1	15.98	105	87.5	208-230/460	6.9	1
		215C	TEFC	VM3707	1,402	L1	16.67	81	87.5	208-230/460	6.8	1
	1200	215TC	TEFC	VM3708T	1,455	L1	19.76	126	87.5	208-230/460	7.5	1
	7 1/2	3600	184TC	TEFC	VM3616T	1,215	L1	18.05	94	88.5	208-230/460	8.7
213TC			TEFC	VM3709T	1,527	L1	18.56	94	88.5	208-230/460	8.7	1
1800		213TC	TEFC	VEM3710T	1,438	L1	19.76	127	91.7	208-230/460	9.4	1
		213TC	TEFC	VEM3770T	1,680	L1	19.25	170	91.7	230/460	9.5	1, 30
		213TC	TEFC	VM3710T	1,086	LS	18.63	114	89.5	208-230/460	10.1	1
		213TC	TEFC	VM3770T	1,609	L1	19.25	164	89.5	208-230/460	10.3	1

(a) See notes on inside back flap.

Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Totally Enclosed, C-Face, Footless

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)
10	3600	215TC	TEFC	VM3711T	1,588	L1	18.63	125	89.5	208-230/460	12	1
	1800	215TC	TEFC	VEM3714T	1,607	L1	21.26	165	91.7	208-230/460	12	1
		215TC	TEFC	VEM3774T	1,864	L1	19.25	231	91.7	230/460	12.2	1, 30
		215TC	TEFC	VM3714T	1,293	LS	19.76	136	89.5	208-230/460	13.5	1, 20
		215TC	TEFC	VM3774T	1,717	L1	19.25	169	89.5	208-230/460	13	1
1200	256TC	TEFC	VM2332T	2,685	L1	23.66	290	89.5	230/460	14.4	1, 30	
15	3600	215TC	TEFC	VM3713T	1,983	L1	20.51	160	90.2	208-230/460	17.3	2, 20
		254TC	TEFC	VM2394T	2,779	L1	20.32	225	90.2	208-230/460	17	1
	1800	254TC	TEFC	VM2333T	2,515	LS	23.32	236	91	208-230/460	18.5	1
20	3600	256TC	TEFC	VM4106T	3,009	L1	23.32	255	90.2	208-230/460	23	1
	1800	256TC	TEFC	VM2334T	2,944	LS	23.32	240	91	230/460	25	1, 30
25	3600	284TSC	TEFC	VM4107T	3,862	L1	22.40	310	91	230/460	28	1, 30
	1800	284TC	TEFC	VM4103T	3,693	LS	23.65	310	92.4	230/460	30	1, 30
30	3600	286TSC	TEFC	VM4108T	4,139	L1	22.40	297	91	208-230/460	34	1
	1800	286TC	TEFC	VM4104T	3,765	LS	27.76	391	92.4	230/460	37	1, 30

(a) See notes on inside back flap.
 ■ Cast Iron Frame

Three Phase, Open Drip Proof, Foot Mounted



1/4 thru 450 Hp

NEMA 48 thru 449T

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

Features: Copper windings, ball bearings and heavy duty steel or cast iron frames. Mount in any position. EM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	48	M3003	292	K	9.13	18	64	230/460	0.7	30
	1200	48	M3004	472	K	9.13	19	68	230/460	0.7	30
		56	M3101	472	K	9.50	20	68	230/460	0.7	30
1/3	3600	48	M3006	296	K	9.13	20	72	230/460	0.7	30
	1800	48	M3007	313	K	9.13	20	68	230/460	0.7	30
		56	M3104	300	LS	9.50	20	68	230/460	0.8	30
	1200	48	M3008	462	K	9.13	21	70	230/460	0.9	30
		56	M3105	494	K	10.25	22	70	230/460	0.9	30
1/2	3600	48	M3009	313	K	9.13	19	68	230/460	1	30
		56	M3107	313	K	9.50	19	68	230/460	1	30
	1800	48	M3010	393	K	9.13	22	74	230/460	1	30
		56	M3108	341	LS	9.50	22	74	230/460	1	30
		56	M3108A	464	K	10.25	23	74	230/460	1	30
	1200	48	M3011	511	K	9.38	23	72	230/460	1.2	30
		56	M3109	543	K	11.25	25	72	230/460	1.2	30
	900	56	M3160	825	K	12.07	37	70	208-230/460	1.3	

(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

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Open Drip Proof, 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)	
3/4	3600	48	M3012	376	K	9.13	21	74	230/460	1.3	30	
		56	M3111	368	K	9.50	21	74	230/460	1.3	30	
	1800	48	M3013	437	K	9.75	25	75.5	208-230/460	1.5		
		56	M3112	381	LS	10.12	25	75.5	208-230/460	1.5		
	1200	56	M3112A	507	K	11.25	26	74	230/460	1.5	30	
		56	M3153	586	K	12.25	32	77	208-230/460	1.5		
1	3600	143T	M3153T	586	L1	12.32	33	77	208-230/460	1.5		
		56	EM3115	548	K	11.06	33	80	208-230/460	1.5	1	
	1800	56	M3115	426	K	9.50	23	75.5	230/460	1.8	30	
		56	M3116	429	LS	11.75	29	78.5	208-230/460	1.7		
		56	M3116A	564	K	11.75	31	78.5	208-230/460	2		
		143T	EM3116T	711	LS	11.12	38	85.5	208-230/460	1.5	1	
	1200	182	M3203	713	L1	12.62	35	82.5	208-230/460	1.6		
		56/56H	M3156	623	K	11.75	26	77	208-230/460	1.7	36	
	900	145T	EM3156T	727	L1	11.62	39	82.5	208-230/460	1.8	1	
		182T	M3216T	1,036	L1	13.62	58	74	230/460	2.2	30	
1 1/2	3600	56	M3120	476	K	11.00	29	80	208-230/460	2.3		
		143T	EM3120T	612	L1	11.12	34	84	208-230/460	2	1	
	1800	56	M3154	496	LS	12.25	34	77	208-230/460	2.8		
		56	M3154A	563	K	11.07	37	81.5	208-230/460	2.3		
		145T	EM3154T	743	LS	11.62	37	86.5	230/460	2.2	1, 30	
		184	M3206	742	L1	12.62	38	84	208-230/460	2.4		
	1200	56/56H	M3159	708	K	11.75	41	75.5	230/460	2.5	36	
		182T	EM3207T	851	L1	15.00	66	87.5	208-230/460	2.6	1	
	900	184T	M3220T	1,259	L1	15.00	68	75.5	208-230/460	3	1	
		56	M3155	555	K	11.00	32	80	208-230/460	2.9		
2	3600	143T	EM3155T	718	L1	11.62	43	85.5	208-230/460	2.5	1	
		184	M3208	911	L1	12.62	43	84	208-230/460	2.5		
		145TY	EM3157TA	825	L1	12.13	44	86.5	208-230/460	2.9		
	1800	56H	M3157	517	LS	11.75	40	80	208-230/460	3.1	36	
		145T	EM3157T	796	LS	12.12	43	86.5	230/460	2.9	1	
		184	M3209	799	L1	12.62	43	84	208-230/460	3.2		
	1200	184T	EM3215T	870	L1	16.50	85	88.5	208-230/460	3.5	1	
		213T	M3303T	1,554	L1	16.32	109	85.5	208-230/460	3.5		
	3	3600	56/56H	M3158	572	K	11.75	39	80	208-230/460	4	36
			145T	EM3158T	727	L1	13.00	51	85.5	230/460	3.8	1, 30
184			M3210	968	L1	12.62	48	84	208-230/460	3.7		
1800		182T	EM3211T	858	LS	15.00	69	89.5	230/460	4.2	1, 30	
		182T	EM3211TA	967	L1	15.00	71	89.5	208-230/460	4.4	1	
		184	M3211	801	L1	14.12	62	86.5	208-230/460	4.1	1	
		213	M3304	976	L1	16.63	66	86.5	208-230/460	4.3		
1200		213T	EM3305T	1,107	L1	16.32	124	88.5	230/460	4.4	1, 30	
		900	M3306T	1,791	L1	17.45	133	86.5	208-230/460	5.2		
5		3600	182T	EM3212T	794	L1	13.62	63	86.5	208-230/460	6	1
	213		M3307	1,087	L1	16.62	75	85.5	208-230/460	6		
	1800	184T	EM3218T	940	LS	16.50	82	89.5	208-230/460	6.6	1	
		184T	EM3218TA	1,023	L1	16.50	81	89.5	208-230/460	6.6	1	
		215	M3308	1,023	L1	16.62	74	87.5	208-230/460	7.2		
	1200	215T	EM3309T	1,451	L1	17.45	141	89.5	208-230/460	7.4	1	
		900	M2504T	2,503	L1	21.69	250	87.5	230/460	8		
	7 1/2	3600	184T	EM3219T	1,259	L1	15.00	74	88.5	208-230/460	8.6	1
215			M3310	1,376	L1	16.62	75	87.5	208-230/460	8.7		
1800		213T	EM3311T	1,381	LS	16.32	126	91	208-230/460	9.7	1	
		254U	M2505	2,088	L1	19.51	115	88.5	208-230/460	10.1		
1200		254T	EM2506T	1,739	L1	23.19	248	90.2	230/460	11	1, 30	
900	256T	M2508T	3,133	L1	23.19	255	88.5	208-230/460	12.7	1		

(a) See notes on inside back flap.

Three Phase, Open Drip Proof, 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)
10	3600	213T	EM3312T	1,440	L1	17.45	129	91.7	208-230/460	11.4	1
	1800	215T	EM3313T	1,672	LS	17.45	127	91.7	230/460	12.5	1, 30
		256U	M2510	2,521	L1	21.44	177	90.2	230/460	13.6	1, 30
	1200	256T	EM2511T	2,263	L1	23.19	245	91.7	230/460	14.3	1, 30
15	3600	215T	EM3314T	2,045	L1	16.32	147	90.2	230/460	17.5	1, 30
	1800	254T	EM2513T	2,367	LS	21.69	217	93	230/460	17.7	1, 30
		254T	EM2513T-CI	2,253	L1	20.63	255	93	230/460	17.8	1, 30
		284U	M2523	3,297	L1	23.69	221	91	230/460	18	1, 30
	1200	284T	EM2524T	3,051	L1	23.81	280	91.7	230/460	20.5	1, 30
20	3600	254T	EM2514T	2,402	L1	21.69	185	91	230/460	23.5	1, 30
	1800	256T	EM2515T	2,597	L1	21.69	225	93	230/460	23.5	1, 30
		256T	EM2515T-12	2,647	L1	21.69	250	93	230/460	23.5	1, 25, 30
		256T	EM2515T-CI	2,831	L1	22.38	283	93	230/460	24	1, 30
		286U	M2527	3,783	L1	23.69	242	91.7	230/460	25	1, 30
	1200	286T	EM2528T	3,713	L1	23.81	426	92.4	230/460	27	1, 30
25	3600	256T	EM2516T	2,884	L1	21.69	207	91.7	230/460	28	1, 30
	1800	284T	EM2531T	3,166	L1	23.81	330	93.6	230/460	29	1, 30
		284T	EM2531T-12	3,227	L1	23.81	330	93.6	230/460	29	1, 25, 30
		284T	EM2531T-CI	3,451	L1	23.44	420	93.6	230/460	31	1, 30
		326U	M2531	5,181	L1	26.56	379	91.7	230/460	31	1, 30
1200	324T	EM2532T	4,485	L1	27.69	378	93	208-230/460	34	1	
30	3600	284TS	EM2534T	3,404	L1	22.44	302	91.7	208-230/460	35	1
	1800	286T	EM2535T	3,462	L1	25.06	372	94.1	230/460	35	1, 30
		286T	EM2535T-12	3,532	L1	25.06	376	94.1	230/460	35	1, 25, 30
		286T	EM2535T-CI	3,773	L1	24.94	425	94.1	230/460	35	1, 30
		326U	M2535	5,685	L1	26.56	351	92.4	230/460	37	
1200	326T	EM2536T	4,678	L1	28.69	474	93.6	230/460	38	1, 30	
40	3600	286TS	EM2538T	4,385	L1	22.44	330	92.4	208-230/460	46	1
	1800	286TS	EM2538T-CI	4,780	L1	23.57	437	94.1	208-230/460	45	1
		324T	EM2539T	4,516	L1	27.19	378	94.1	230/460	49	1, 30
		324T	EM2539T-12	4,606	L1	27.19	378	94.1	230/460	47	1, 25, 30
		324T	EM2539T-CI	4,923	L1	26.13	579	94.5	230/460	46	1, 30
1200	364T	EM2540T	6,327	L1	29.81	565	94.1	230/460	51	1, 30	
50	3600	364T	EM2540T-CI	6,664	L1	29.70	908	94.1	230/460	49.4	1, 30
		324TS	EM2542T	4,776	L1	25.69	380	93	208-230/460	56	1
	1800	324TS	EM2542T-CI	5,416	L1	24.62	585	93	208-230/460	56	1
		326T	EM2543T	4,983	L1	27.69	472	94.5	230/460	57	1, 30
		326T	EM2543T-12	5,089	L1	27.69	513	94.5	230/460	61	1, 25, 30
		326T	EM2543T-CI	5,433	L1	27.63	578	94.5	230/460	57	1
	1200	326TS	EM2543TS-12	5,089	L1	26.19	497	94.5	230/460	61	1, 25, 30
		365T	EM2544T	7,641	L1	33.72	610	94.1	230/460	62	1, 30
60	3600	365T	EM2544T-CI	8,068	L1	29.70	989	94.1	230/460	60.3	1
		326TS	EM2546T	6,043	L1	25.19	561	93.6	230/460	68	1
	1800	364T	EM2547T	6,274	L1	30.69	565	95	230/460	68	1, 30
		364T	EM2547T-12	6,406	L1	30.69	565	95	230/460	68	1, 25, 30
		364T	EM2547T-CI	6,838	L1	29.70	704	95	230/460	69.5	1
		364TS	EM2547TS-12	6,406	L1	28.56	565	95	230/460	68	1, 25, 30
	1200	404T	EM2548T	9,413	L1	34.47	887	94.5	230/460	76	1
404T		EM2548T-4CI	10,242	L1	34.00	1058	95	460	70.4	1	
75	3600	364TS	EM2549T	7,926	L1	25.81	495	93.6	230/460	82	1
	1800	365T	EM2551T	7,701	L1	33.72	597	95	230/460	87	1, 30
		365T	EM2551T-12	7,861	L1	33.72	597	95	230/460	85	1, 25
		365T	EM2551T-CI	8,392	L1	29.69	758	95	230/460	86.5	1
		365TS	EM2551TS-12	7,861	L1	31.59	615	95	230/460	85	1, 25
1200	405T	EM2552T-4	11,403	L1	34.00	1095	95	460	86.9	1, 25	

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

Three Phase, Open Drip Proof, 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)
100	3600	365TS	EM2550T	8,473	L1	26.81	525	94.5	208-230/460	109	1
	1800	404T	EM2555T	8,959	L1	34.47	898	95.4	230/460	118	1
		404T	EM2555T-12	9,139	L1	36.97	670	95.4	230/460	118	1, 25
		404T	EM2555T-4	8,959	L1	36.97	560	95.4	460	115	1, 25
		404T	EM2555T-CI	9,765	L1	34.00	1042	95.4	230/460	115	1
		404TS	EM2555TS-12	9,139	L1	33.97	612	95.4	230/460	118	1, 25
1200	444T	EM2583T-4	12,551	L1	39.56	1500	95	460	116	1, 25	
125	3600	404TS	EM2554T-4	10,633	L1	31.85	1074	94.1	460	143	1, 25
		404TS	EM2554T-4CI	12,687	L1	31.00	1111	95	460	143	1
	1800	405T	EM2559T-4	10,991	L1	34.47	955	95.4	460	143	1, 25
		405T	EM2559T-4CI	11,978	L1	34.00	1153	95.4	460	141	1
		405TS	EM2559TS-4	10,991	L1	34.97	1238	95.4	460	143	1, 25
	1200	445T	EM2557T-4	13,555	L1	39.56	1800	95	460	146	1, 25
150	3600	405TS	EM2556T-4	13,117	L1	34.60	712	95.8	460	164	1, 25
		444T	EM2558T-4	12,208	L1	39.56	1563	96.2	460	170	1, 25
		444TS	EM2558TS-4	12,208	L1	34.00	1804	96.2	460	170	1
	1800	445T	EM2560T-4	15,963	L1	39.56	1620	95.4	460	175	1, 25
		444TS	EM2562T-4	14,864	L1	35.81	1387	95.4	460	221	1, 25
		445T	EM2563T-4	15,256	L1	39.56	1676	95.8	460	222	1, 25
200	1200	447T	EM2564T-4	20,984	L1	43.06	1723	95.4	460	232	1, 25
		445TS	M2565T-4	15,162	L1	35.81	1410	95	460	286	1, 25
		447T	EM25254T-4	17,108	L1	43.06	2084	96.2	460	275	1, 25
	3600	445T	M2566T-4	15,095	L1	39.56	1588	95.4	460	274	1, 25
		445TS	M2568T-4	23,699	L1	35.81	1500	95	460	345	1, 25
		447T	M25694T-4	23,052	L1	43.06	2184	95.4	460	344	1, 25
250	1800	449T	EM25694T-4	26,089	L1	48.06	2300	96.2	460	330	1, 25
		445TS	M2571T-4	27,121	L1	35.81	1631	95	460	398	1, 25
		449TS	M25352T-4	27,121	L1	44.31	2595	96.5	460	367	1, 25, 63
	3600	449T	M2572T-4	26,796	L1	48.06	2400	96.2	460	382	1, 25, 63
		449TS	M25402T-4	31,819	L1	44.31	2132	96.2	460	431	1, 25, 63
		449T	M25404T-4	29,082	L1	48.06	2507	96.2	460	437	1, 25, 63
300	1800	449TS	M25452T-4	35,038	L1	44.31	4000	96.2	460	494	1, 25, 63
		449T	M25454T-4	32,890	L1	48.06	2544	96.2	460	507	2, 20, 25, 63
		449TS	M25402T-4	31,819	L1	44.31	2132	96.2	460	431	1, 25, 63
	3600	449T	M25404T-4	29,082	L1	48.06	2507	96.2	460	437	1, 25, 63
		449TS	M25452T-4	35,038	L1	44.31	4000	96.2	460	494	1, 25, 63
		449T	M25454T-4	32,890	L1	48.06	2544	96.2	460	507	2, 20, 25, 63

(a) See notes on inside back flap.

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

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

**Three Phase,
Open Drip Proof,
C-Face,
Foot Mounted**

1/3 thru 100 Hp

NEMA 56C thru 404TC

Applications: Pumps, fans, conveyors, machine tools, gear reducers.



Features: Pressure cast aluminum end plates with ribbed design for rigidity, ball bearings, locked drive end bearing, heavy gauge steel frame. Super-E® motors have NEMA Premium® efficiency and 3 year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	56C	CM3104	326	K	10.10	21	68	230/460	0.8	30
	3600	56C	CM3107	340	K	10.10	20	68	230/460	1	30
1/2	1800	56C	CM3108	369	K	10.10	23	74	230/460	1	30
3/4	1800	56C	CM3112	416	K	10.73	27	75.5	208-230/460	1.5	
1	1800	143TC	CEM3116T	667	L1	11.62	35	85.5	208-230/460	1.5	1
1 1/2	1800	145TC	CEM3154T	687	L1	11.62	37	86.5	230/460	2.2	1, 30
	3600	56C	CM3155	603	K	11.60	32	80	208-230/460	2.9	
2	1800	145TC	CEM3157T	733	L1	12.12	37	86.5	230/460	2.9	1, 30
	3600	145TC	CEM3158T	764	L1	13.00	46	85.5	208-230/460	3.8	1
3	1800	182TC	CEM3211T	866	L1	15.00	74	89.5	230/460	4.2	1, 30
	3600	182TC	CEM3212T	862	L1	13.62	64	86.5	208-230/460	6	1
5	1800	184TC	CEM3218T	909	L1	16.50	87	89.5	208-230/460	6.6	1
	3600	184TC	CEM3219T	1,381	L1	15.00	77	88.5	208-230/460	8.6	1
7 1/2	1800	213TC	CEM3311T	1,367	L1	17.06	117	91	208-230/460	9.7	1
	3600	213TC	CEM3312T	1,595	L1	18.19	130	91.7	208-230/460	11.4	1
10	1800	215TC	CEM3313T	1,622	L1	18.19	132	91.7	208-230/460	12.5	1
	3600	215TC	CEM3314T	2,199	L1	17.06	154	90.2	230/460	17.5	1, 30
15	1800	254TC	CEM2513T	2,399	L1	21.69	234	93	208-230/460	17.7	1
	3600	254TC	CEM2514T	2,722	L1	21.69	185	91	230/460	23.5	1, 30
20	1800	256TC	CEM2515T	2,921	L1	21.69	237	93	230/460	23.5	1, 30
	3600	256TC	CEM2516T	3,205	L1	21.69	233	91.7	230/460	28	1, 30
25	1800	284TC	CEM2531T	3,742	L1	23.81	330	93.6	230/460	29	1, 30
	3600	286TC	CEM2535T	4,037	L1	25.06	375	94.1	230/460	35	1, 30
40	1800	324TC	CEM2539T	5,318	L1	26.69	477	94.1	230/460	47	1, 30
50	1800	326TC	CEM2543T	5,788	L1	27.69	497	94.5	230/460	57	1, 30
60	1800	364TC	CEM2547T	7,198	L1	30.69	565	95	230/460	68	1, 30
75	1800	365TC	CEM2551T	8,625	L1	33.72	597	95	230/460	87	1
100	1800	404TC	CEM2555T	9,982	L1	36.97	945	95.4	230/460	118	1

(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

Light Industrial/Commercial Motors

HVAC Motors

BALDOR • RELIANCE

Three Phase, Open Drip Proof, C-Face, Footless

1/4 thru 30 Hp

NEMA 56C thru 284TC

Applications: Pumps, fans, conveyors, machine tools, gear reducers and other applications requiring a NEMA C-face motor.

Features: Pressure cast aluminum end plates with ribbed design for rigidity. Ball bearings with a locked drive end bearing and heavy-gauge steel frames.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	56C	KM3003	311	K	11.35	19	64	230/460	0.7	30
	3600	56C	KM3006	318	K	11.22	20	72	230/460	0.7	30
1/3	1800	56C	VM3104	320	LS	11.22	21	68	230/460	0.8	30
	3600	56C	VM3107	335	K	11.22	19	68	230/460	1	30
1/2	1800	56C	VM3108	363	LS	11.22	22	74	230/460	1	30
	1200	56C	VM3109	564	K	12.35	25	72	230/460	1.2	30
	3600	56C	VM3111	471	K	11.22	21	74	230/460	1.3	30
3/4	1800	56C	VM3112	401	LS	11.84	25	75.5	208-230/460	1.5	
	1200	56C	VM3153	606	K	13.35	32	77	208-230/460	1.5	
		143TC	VM3153T	606	L1	13.41	33	77	208-230/460	1.5	
1	3600	56C	VM3115	446	K	11.22	25	75.5	230/460	1.8	30
	1800	56C	VM3116	450	LS	12.35	29	78.5	208-230/460	1.7	1
		143TC	VM3116T	488	LS	12.30	35	82.5	208-230/460	1.6	1
		1200	145TC	VM3156T	680	L1	13.30	40	80	208-230/460	1.9
1 1/2	3600	56C	VM3120	496	K	12.72	30	80	208-230/460	2.3	
		143TC	VM3120T	572	L1	12.25	34	82.5	208-230/460	2	
	1800	56C	VM3154	517	LS	13.22	36	77	208-230/460	2.8	
		145TC	VM3154T	569	LS	12.30	38	84	208-230/460	2.4	
2	1200	145TC	VM3159T	741	L1	15.55	54	84	208-230/460	2.6	
		3600	56C	VM3155	577	K	13.22	32	80	208-230/460	2.9
	1800	143TC	VM3155T	631	L1	13.30	43	84	208-230/460	2.5	
		56C	VM3157	535	LS	13.24	40	80	208-230/460	3.1	
3	1200	145TC	VM3157T	586	LS	13.30	43	84	208-230/460	3.2	
		184TC	VM3215T	772	L1	16.55	68	85.5	230/460	3.6	30
	3600	56C	VM3158	592	K	13.24	39	80	208-230/460	4	
		145TC	VM3158T	671	L1	13.30	48	84	208-230/460	3.7	
	1800	145TC	VM3161T	687	L1	15.55	62	86.5	208-230/460	4.1	1
		182TC	VM3211T	644	L1	16.55	62	86.5	208-230/460	4.1	1
		184C	VM3211	839	L1	15.55	62	86.5	208-230/460	4.1	1
		1200	213TC	VM3305T	981	L1	18.68	94	86.5	208-230/460	4.6
5	3600	182TC	VM3212T	726	L1	16.55	74	86.5	208-230/460	6.8	
		184C	VM3218	667	L1	15.68	74	87.5	208-230/460	7.2	
	1800	184TC	VM3218T	705	L1	16.55	74	87.5	208-230/460	7.2	
		1200	215TC	VM3309T	1,289	L1	18.68	131	87.5	208-230/460	7.6
7 1/2	3600	184TC	VM3219T	891	L1	16.55	75	87.5	208-230/460	8.7	
	1800	213TC	VM3311T	1,040	L1	18.68	115	88.5	208-230/460	10.1	
10	3600	213TC	VM3312T	1,276	L1	18.68	106	88.5	208-230/460	11.6	
	1800	215TC	VM3313T	1,246	L1	18.68	129	89.5	208-230/460	13.4	
15	3600	215TC	VM3314T	1,807	L1	18.68	129	89.5	208-230/460	17.5	1
	1800	254TC	VM2513T	1,944	L1	21.17	155	91	208-230/460	19	
20	3600	254TC	VM2514T	2,402	L1	20.42	132	90.2	208-230/460	24	1
	1800	256TC	VM2515T	2,422	L1	19.29	197	91.7	230/460	24	30
25	3600	254TC	VM2516T	2,838	LS	22.00	221	91	230/460	29	30
	1800	284TC	VM2531T	3,087	L1	26.53	226	91.7	230/460	31	30
30	3600	284TSC	VM2534T	3,213	L1	24.15	234	91	230/460	34	30

(a) See notes on inside back flap.