

Single and Three Phase, Foot Mounted

1/4 thru 300 Hp

NEMA 48 thru 449T

Applications: Ideal for use where hazardous fumes or dust may be present.



Features: U.L. and CSA approved for Class I, Group D and Class I, Group C & D and Class II, Group F & G. Check number in circle beside catalog number for individual listings. Corrosion resistant epoxy finish. Shipped with U.L. and CSA approved cast conduit box assembled to each motor. 1.00 Service Factor. EM Super-E® explosion proof motors have NEMA Premium® efficiency and 3 year warranty.

Hp	RPM	NEMA Frame	Catalog Number	XP ^(a) Cls/Grp	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes ^(b)
Single Phase												
1/4	1800	48	L4003A	⑧	426	K	12.85	27	55	115/208-230	2.5	2
		56	L5000A	⑧	407	K	13.22	27	62	115/230	2.1	2
		56	L5000A-C	②	507	K	13.22	27	55	115/208-230	2.1	2
1/3	1800	48	L4005A	⑧	377	K	12.85	28	55	115/230	3	2
		48	L4006A	⑧	549	K	12.85	29	60	115/208-230	3	2
		56	L5001A	⑧	523	K	13.22	29	60	115/208-230	3	2
1/2	1800	56	L5002A	⑦	741	K	14.30	41	54	115/230	3.4	2
		56	L5003A	⑧	496	K	13.22	30	57	115/230	3.7	2
		48	L4009A	⑧	605	K	13.85	36	64	115/208-230	3.7	2
3/4	1800	56	L5004A	⑧	576	K	14.22	35	64	115/208-230	3.7	2
		56	L5004A-C	②	676	K	14.22	35	64	115/208-230	3.7	2
		56	L5005A	⑦	854	K	15.17	50	59	115/230	4	2
1	1800	56	L5006A	⑦	560	K	14.30	38	62	115/230	4.9	2
		56	L5007A	⑦	678	K	15.17	48	66	115/230	5.3	2
		56	L5007A-C	②	777	K	15.17	48	66	115/230	5.3	2
1 1/2	1800	56	L5022	①	987	K	16.04	57	59.5	115/230	5.7	2
		56	L5009A	⑦	605	K	15.17	48	66	115/230	6	2
		56	L5023A	①	772	K	15.17	45	67	115/230	6.5	2
2	1800	56	L5023A-C	②	871	K	15.17	45	67	115/230	6.5	2
		143T	L5023T	①	756	L1	15.23	48	67	115/208-230	6.4	2
		1200	L5026	⑧	1,692	L1	16.92	79	67	115/208-230	7	2
3	1800	3600	L5030T	⑧	876	L1	15.23	53	70	115/208-230	7.5	2
		1800	L5013	⑧	1,571	L1	16.92	75	70	115/230	9.5	2
		3600	L5031T	⑧	1,083	L1	16.11	60	74	115/208-230	11.5	2
5	1800	182T	L5027T	①	1,592	L1	17.42	81	75	115/230	11	2
		3600	L5028T	①	1,655	L1	17.42	81	76	115/230	14.5	2
		1800	L5018	⑧	2,515	L1	19.49	152	79	115/230	15	2
5	1800	215	L5020	①	3,199	L1	19.90	171	84	230	21	2
		Three Phase										
		1/4	1800	48	M6002A	⑧	443	K	12.85	26	63	208-230/460
48	↔P48H2302			⑧	443	K	12.85	19	63	208-230/460	0.65	
1/3	1800			56	M7002A	⑧	532	K	13.22	28	67	208-230/460
		56	↔P56X3986	⑧	532	K	12.25	23	79.5	230/460	0.55	
		1200	56	M7003A	⑦	764	K	14.30	34	70	208-230/460	0.8
56	↔P56J2306		⑧	764	K	11.39	36	83.6	208-230/460	4.5		
1/2	3600		56	M7005A	⑧	610	K	13.22	27	68	208-230/460	1.1
		56	↔P56J2801	⑧	610	K	11.39	25	76.1	208-230/460	1.17	
		1800	48	M6007A	⑧	554	K	12.85	29	74	208-230/460	1
56	M7006A		⑧	554	K	13.22	30	74	208-230/460	1	2	
56	↔P56J2302		⑧	554	K	13.22	28	74	208-230/460	1		
1200	1800	56	M7007A	⑦	807	K	14.30	39	70	208-230/460	1.2	2
		56	↔P56J2305	⑧	807	K	12.39	33	73	208-230/460	0.96	

^(a) See explosion proof symbols on inside back flap.

^(b) See notes on inside back flap and pages 5-6.

↔ = Functional Equivalent

General Information

Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors

Single and Three Phase, Foot Mounted

Hp	RPM	NEMA Frame	Catalog Number	XP ^(a) Cls/Grp	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes ^(b)	
Three Phase (continued)													
3/4	3600	56	M7009A	Ⓢ	636	K	13.22	29	75	208-230/460	1.3	2	
		56	↪P56J2304	Ⓢ	636	K	11.39	36	79	208-230/460	1.2		
	1800	56	M7010A	Ⓢ	639	K	14.22	34	73	208-230/460	1.5	2	
		56	↪P56J2301	Ⓢ	639	K	14.22	30	73	208-230/460	1.5		
	1200	56	M7031A	⑦	858	K	15.17	44	77	208-230/460	1.4	2	
		56	↪P56J3026	Ⓢ	858	K	15.17	62	77	208-230/460	1.4		
		143T	M7031TA	⑦	858	L1	15.23	47	77	208-230/460	1.4	2	
	143T	↪P14J2409	Ⓢ	858	L1	13.75	62	74	208-230/460	1.4			
1	3600	56	M7013	Ⓢ	670	K	13.22	31	75.5	208-230/460	1.8	2	
		56	↪P56J2303	Ⓢ	670	K	14.30	30	74	208-230/460	1.6		
	1800	56	M7014	Ⓢ	699	K	14.30	38	77	208-230/460	1.7	2,19	
		56	↪P56J2437	Ⓢ	699	K	12.69	31	75	208-230/460	2.2		
		143T	EM7014T	Ⓢ	977	L1	15.23	49	87.5	230/460	1.5	2,19	
		143T	↪P14X4002	Ⓢ	977	L1	12.82	41	87	230/460	1.5	1	
		143T	EM7114T-C	②	1,115	L1	16.28	76	87.5	208-230/460	1.5	2,19	
		143T	M7014T	Ⓢ	736	LS	14.36	44	82.5	230/460	1.65	2,19	
	143T	↪P14X3967	Ⓢ	736	LS	14.36	41	82.5	208-230/460	1.65			
	143T	M7114T	Ⓢ	1,044	LS	16.28	78	82.5	230/460	1.65	2		
	1200	182	M7015	Ⓢ	1,008	L1	15.23	44	77	208-230/460	1.7	2,19	
		56	M7032	①	858	K	15.17	44	75.5	208-230/460	1.7	2	
		56	↪P56J3023	Ⓢ	858	K	15.17	44	75.5	208-230/460	1.7		
		145T	M7032T	Ⓢ	840	L1	15.23	49	80	230/460	1.8	2	
	145T	↪P14X3966	Ⓢ	840	L1	15.23	65	80	208-230/460	1.8			
1 1/2	3600	143T	M7018T	Ⓢ	687	L1	14.36	45	82.5	230/460	2.1	2,19	
		143T	↪P14X3970	Ⓢ	687	L1	13.75	48	84.9	208-230/460	1.9		
	1800	56	M7034	Ⓢ	762	K	14.30	43	78.5	208-230/460	2.5	2,19	
		56	↪P56J2436	Ⓢ	762	K	13.69	57	78.5	208-230/460	2.8		
		145T	EM7034T	Ⓢ	1,012	L1	16.10	56	88.5	230/460	2.1	2,19	
		145T	↪P14X4005	Ⓢ	1,012	L1	16.10	69	88.5	230/460	2.1	1	
		145T	EM7134T-C	②	1,140	L1	16.28	85	88.5	230/460	2.1	2	
		145T	M7034T	Ⓢ	738	LS	15.23	48	84	230/460	2.2	2,19	
		145T	↪P14X3968	Ⓢ	738	LS	15.23	65	84	208-230/460	2.2		
		145T	M7134T	Ⓢ	1,057	LS	16.28	81	84	208-230/460	2.3	2	
1200	184	M7019	Ⓢ	1,183	L1	15.23	49	78.5	208-230/460	2.5	2,19		
	182T	M7020T	Ⓢ	1,157	L1	17.42	76	85.5	230/460	2.8	2,19		
	182T	P18G4854	Ⓢ	1,331	L1	17.12	104	85.6	230/460	2.2			
2	3600	145T	M7071T	Ⓢ	704	L1	15.23	52	84	230/460	2.6	2,19	
		145T	↪P14X3971	Ⓢ	704	L1	13.75	52	86	208-230/460	2.5		
	1800	56	M7037	Ⓢ	851	K	15.17	51	82.5	208-230/460	3.1	2	
		56	↪P56J2452	Ⓢ	851	K	14.75	58	81.8	208-230/460	3.2		
		145T	EM7037T	Ⓢ	1,104	L1	16.10	61	86.5	208-230/460	2.7	2	
		145T	↪P14X4007	Ⓢ	1,104	L1	16.10	71	86.5	208-230/460	2.6	1	
		145T	EM7137T-C	②	1,172	L1	16.28	85	88.5	208-230/460	2.7	2	
		145T	M7037T	Ⓢ	832	LS	15.23	55	84	230/460	2.9	2	
		145T	↪P14X3969	Ⓢ	832	LS	15.23	67	84	208-230/460	2.9		
		145T	M7137T	Ⓢ	1,113	LS	16.28	82	84	230/460	2.8	2,19	
	184	M7023	Ⓢ	1,212	L1	15.23	54	82.5	208-230/460	3.1	2,19		
	1200	184T	M7041T	Ⓢ	1,192	L1	18.92	92	86.5	230/460	3.3	2,19	
	3	3600	145T	M7075T	①	833	L1	17.48	69	85.5	230/460	3.7	2
			182T	M7026T	Ⓢ	881	L1	16.05	66	85.5	230/460	3.7	2,19
184			M7026	Ⓢ	1,036	L1	15.55	64	81.5	208-230/460	3.9	2,19	
1800		182T	EM7142T-C	②	1,268	L1	17.56	136	88.5	230/460	4	2,19	
		182T	M7142T	Ⓢ	1,111	LS	17.56	134	87.5	230/460	4.8	2,19	
		182T	M7042T	Ⓢ	910	LS	17.42	81	87.5	230/460	4.1	2,19	
1200		213	M7027	Ⓢ	1,384	L1	16.44	107	80	230/460	4.5	2,19	
		213T	M7036T	Ⓢ	1,299	L1	19.57	144	87.5	230/460	4.6	2,19	

^(a) See explosion proof symbols on inside back flap.
^(b) See notes on inside back flap and pages 5-6.

↪ = Functional Equivalent
 ■ Cast Iron Frame

Single and Three Phase, Foot Mounted

Hp	RPM	NEMA Frame	Catalog Number	XP ^(a) Cls/Grp	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes ^(b)	
Three Phase (continued)													
5	3600	184T	M7072T	⑧	1,036	L1	18.12	93	87.5	230/460	5.6	2,19	
		184T	EM7144T-C	②	1,528	L1	17.56	152	90.2	230/460	6.5	2,19	
	1800	184T	M7144T	⑧	1,316	LS	17.56	147	87.5	230/460	6.7	2,19	
		L184T	↪P18G4826	⑧	1,316	LS	17.12	120	87.5	230/460	6.5		
		184T	M7044T	⑧	1,128	LS	17.37	99	87.5	230/460	6.7	2,19	
	215	M7030	⑧	1,792	L1	18.06	124	84	208-230/460	7	2,19		
	1200	215T	M7040T	⑧	1,703	L1	20.32	161	87.5	230/460	7.5	2,19	
7 1/2	3600	184T	M7073T	①	1,337	L1	18.92	94	88.5	230/460	8.3	2	
		213T	M7045T	⑧	1,429	L1	19.57	166	88.5	230/460	8.9	2,19	
	1800	213T	EM7147T-C	②	1,912	L1	19.91	225	91.7	230/460	9.5	2,19	
		213T	M7047T	⑤	1,390	LS	19.57	168	89.5	230/460	10.1	2,19	
		213T	M7147T	⑧	1,591	LS	19.90	212	89.5	230/460	10.3	2,19	
		213T	↪P21G4825	⑧	1,591	LS	19.25	105	89.5	230/460	9.5		
		1200	254T	M7048T	⑧	2,017	L1	25.50	381	89.5	230/460	11.1	2,19
10	3600	215T	M7074T	①	1,612	L1	20.07	162	89.5	230/460	11.6	2	
		215T	M7174T	⑧	1,681	L1	19.90	236	89.5	230/460	11.6	2,19	
		215T	↪P21G4801	⑧	1,681	L1	19.25	155	89.5	230/460	11.7		
	1800	215T	EM7170T-C	②	2,658	L1	19.91	252	92.4	230/460	12.5	2,19	
		215T	M7070T	⑧	1,460	LS	21.07	164	89.5	230/460	13.5	2	
		215T	M7170T	⑧	1,877	LS	19.90	154	89.5	230/460	13	2,19	
		215T	↪P21G4826	⑧	1,877	LS	19.25	185	89.5	230/460	12.2		
	1200	256T	M7065T	⑧	2,425	L1	25.50	357	89.5	230/460	14.4	2,19	
		256T	↪P25G4851	⑧	2,425	L1	24.56	263	89.5	230/460	12.9		
	15	3600	254T	M7053T	⑧	1,900	L1	25.50	292	90.2	230/460	17	2,19
254T			↪P25G4800	⑧	1,900	L1	24.56	238	90.2	230/460	17.6		
1800		254T	EM7054T	⑧	2,896	L1	25.50	370	92.4	230/460	18	2,19	
		254T	EM7054T-C	②	2,967	L1	25.50	370	92.4	230/460	18	2,19	
		254T	M7054T	⑧	2,175	LS	25.50	376	91	230/460	18	2,19	
		254T	↪P25G4825	⑧	2,175	LS	24.56	291	91	230/460	19.5		
1200		284T	M7057T	⑧	3,910	L1	28.61	436	90.2	230/460	21	2,19	
		284T	↪P28G4850	⑧	3,910	L1	27.44	366	90.2	230/460	20.5		
20		3600	256T	M7059T	⑧	2,438	L1	25.50	371	90.2	230/460	23	2,19
			256T	EM7056T	⑧	3,753	L1	25.50	393	93	230/460	24	2,19
	1800	256T	EM7056T-C	②	3,832	L1	25.50	393	93	230/460	24	2,19	
		256T	M7056T	⑧	2,820	LS	25.50	381	91	230/460	24	2,19	
		256T	↪P25G4826	⑧	2,820	LS	24.56	330	91	230/460	25.4		
	1200	286T	M7079T	⑧	4,014	L1	28.61	522	90.2	230/460	27	2,19	
		286T	↪P28G4851	⑧	4,014	L1	27.44	819	90.2	230/460	26.9		
	25	3600	284TS	M7063T	⑧	3,245	L1	27.24	517	91	230/460	28.5	2,19
284TS			↪P28G4800	⑧	3,245	L1	26.06	366	91	230/460	29.7		
1800		284T	EM7058T	⑧	4,553	L1	28.61	542	93.6	230/460	30.5	2,19	
		284T	EM7058T-C	②	4,642	L1	28.61	564	93.6	230/460	30.5	2,19	
		284T	M7058T	⑧	3,489	LS	28.61	528	92.4	230/460	30.8	2,19	
		1200	324T	M7082T	⑧	5,019	L1	32.00	732	91.7	230/460	31	2,19
30	3600	286TS	M7083T	⑧	3,814	L1	27.24	534	91	230/460	34	2,19	
		286TS	↪P28G4801	⑧	3,814	L1	26.06	385	91	230/460	36.9		
	1800	286T	EM7060T	⑧	5,551	L1	28.61	567	94.1	230/460	36	2,19	
		286T	EM7060T-C	②	5,643	L1	28.61	589	94.1	230/460	36	2,19	
		286T	M7060T	⑧	4,171	LS	28.61	491	92.4	230/460	36	2,19	
		286T	↪P28G4826	⑧	4,171	LS	27.44	420	92.4	230/460	37		
	1200	326T	M7080T	⑧	5,537	L1	32.00	737	91.7	230/460	37	2,19	
40	3600	324TS	M7067T	⑧	5,088	L1	30.50	718	91.7	230/460	45	2,19	
		324TS	↪P32G4800	⑧	5,088	L1	28.94	570	91.7	230/460	50.1		

^(a) See explosion proof symbols on inside back flap.

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Three Phase (continued)												
40	1800	324T	EM7062T	⑧	7,440	L1	32.00	767	94.5	230/460	46	2,19
		324T	EM7062T-C	②	7,541	L1	32.12	834	94.5	230/460	46	2,19
		324T	M7062T	⑧	5,699	LS	32.00	750	93	230/460	47	2,19
		324T	↔P32G4825	⑧	5,699	LS	30.44	575	93	230/460	49.5	
	1200	364T	M7084T	⑧	6,418	L1	33.25	915	93	230/460	49	2,19
50	3600	326TS	M7081T	⑧	6,516	L1	30.50	704	92.4	230/460	56	2,19
	1800	326T	EM7064T	⑧	8,654	L1	32.00	783	94.5	230/460	57	2,19
		326T	EM7064T-C	②	8,756	L1	32.12	851	94.5	230/460	57	2,19
		326T	M7064T	⑧	6,631	LS	32.00	769	93	230/460	60	2,19
		326T	↔P32G4826	⑧	6,631	LS	30.44	655	93	230/460	63.2	
1200	365T	M7085T	⑦	7,244	L1	33.25	918	93	230/460	61	2,19	
60	1800	364T	EM7066T	⑦	9,680	L1	33.25	965	94.5	230/460	69	2,19
		364T	EM7066T-C	②	9,787	L1	33.25	989	94.5	230/460	69	2,19
		364T	M7066T	⑦	7,416	LS	33.25	969	93.6	230/460	69	2,19
	1200	404T	M7086T	⑦	8,643	L1	38.75	1,233	93.6	230/460	70	2,19
75	1800	365T	M7068T	②	9,251	LS	33.25	1,031	94.1	230/460	85	2,19
	1200	405T	M7087T	⑦	9,831	L1	38.75	1,338	93.6	230/460	88	2,19
100	1800	405T	M7090T	②	10,960	LS	38.75	1,363	94.5	230/460	113	2,19
125	1800	444T	M74124T-4	②	14,645	LS	44.25	1,811	94.5	460	143	2,19
150	1800	445T	M74154T-4	②	16,219	LS	44.25	1,450	95	460	167	2,19
200	1800	447T	M74204T-4	②	23,901	LS	52.75	2,549	95	460	224	2,19,20
250	1800	447T	M74254T-4	②	28,279	L1	52.75	2,737	95	460	284	2,19,20
300	1800	449TY	M74304T-4	②	42,094	LM	54.25	2,959	95	460	328	2,19,20

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^(b) See notes on inside back flap and pages 5-6.

↔ = Functional Equivalent

■ Cast Iron Frame

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. Care should be used when selecting an explosion-proof motor, especially when installed outdoors and on intermittent duty. Consider explosion-proof motors on page 96 and 97 for outdoor applications. These explosion-proof motors are not suitable for use with adjustable speed drives, inverter duty explosion-proof motors must be used. See page 205.

General Information

Single Phase Motors

General Purpose Industrial Motors

Premium Efficient Super-E® Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Commercial Motors

HVAC Motors