

BALDOR • RELIANCE**Premium Efficient Super-E® Motors****Explosion Proof,
Three Phase,
Foot Mounted****1 thru 200 Hp****NEMA 143T thru 447T****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. 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	EISA Status ^(a)	Notes ^(a)
1	1800	143T	EM7014T	⑧	1,116	L1	15.23	49	85.5	230/460	1.5	A	19
		143T	EM7114T	⑧	1,536	L1	16.28	85	85.5	208-230/460	1.5	A	19
		143T	EM7114T-C	②	1,273	L1	16.28	85	85.5	208-230/460	1.5	A	19
	1200	145T	EM7032T	⑧	1,248	L1	17.48	55	82.5	230/460	1.7	A	
1 1/2	3600	143T	EM7018T	⑧	1,021	L1	14.36	47	84	208-230/460	1.9	A	19
	1800	145T	EM7034T	⑧	1,156	L1	16.10	56	86.5	230/460	2	A	19
		145T	EM7134T	⑧	1,556	L1	16.28	92	86.5	208-230/460	2.3	A	
		145T	EM7134T-C	②	1,303	L1	16.28	85	86.5	230/460	2.1	A	
	1200	182T	EM7020T	⑧	1,718	L1	17.42	96	87.5	230/460	2.6	A	19
		182T	EM7120T	⑧	1,910	L1	18.24	136	87.5	230/460	2.8	A	19
2	3600	145T	EM7071T	⑧	1,045	L1	16.10	56	85.5	230/460	2.5	A	19
	1800	145T	EM7037T	⑧	1,261	L1	16.10	61	86.5	208-230/460	2.7	A	19
		145T	EM7137T	⑧	1,638	L1	16.28	92	86.5	208-230/460	2.7	A	19
		145T	EM7137T-C	②	1,339	L1	16.28	91	86.5	208-230/460	2.8	A	
		1200	184T	EM7041T	⑧	1,770	L1	18.92	109	88.5	230/460	3.3	A
3	3600	145T	EM7075T	①	1,238	L1	17.48	77	86.5	230/460	3.7	A	
		182T	EM7026T	⑧	1,308	L1	16.05	70	86.5	230/460	3.7	A	19
		182T	EM7126T	⑧	1,759	L1	17.56	130	86.5	230/460	3.5	A	19
		182T	EM7042T	⑧	1,340	L1	18.92	90	89.5	230/460	4.2	A	19
	1800	182T	EM7142T	⑧	1,636	L1	17.56	139	89.5	230/460	4	A	19
		182T	EM7142T-C	②	1,448	L1	17.56	136	89.5	230/460	4	A	19
		1200	213T	EM7036T	⑧	1,929	L1	20.32	152	89.5	230/460	3.7	A
5	3600	184T	EM7072T	⑧	1,538	L1	18.12	100	88.5	230/460	5.9	A	19
		184T	EM7172T	⑧	2,062	L1	17.56	155	88.5	230/460	5.7	A	19
		184T	EM7044T	⑧	1,660	L1	18.92	105	89.5	230/460	6.5	A	19
	1800	184T	EM7144T	⑧	2,051	L1	17.56	152	89.5	230/460	6.5	A	19
		184T	EM7144T-C	②	1,746	L1	17.56	152	89.5	230/460	6.5	A	19
		1200	215T	EM7040T	⑧	2,529	L1	22.32	172	89.5	230/460	5.8	A
7 1/2	3600	184T	EM7073T	①	2,018	L1	18.92	105	89.5	230/460	8.4	A	30
		213T	EM7045T	⑧	2,122	L1	19.57	172	89.5	230/460	8.9	A	19
		213T	EM7145T	⑧	2,379	L1	19.90	162	89.5	230/460	8.6	A	19
	1800	213T	EM7047T	⑧	2,204	L1	19.57	178	91.7	230/460	10.1	A	19
		213T	EM7147T	⑧	2,430	L1	19.90	192	91.7	230/460	9.4	A	19
		213T	EM7147T-C	②	2,184	L1	19.91	225	91.7	230/460	9.5	A	19
	1200	254T	EM7048T	⑧	2,994	L1	25.50	392	91	230/460	10.7	A	19
10	3600	215T	EM7074T	①	2,392	L1	20.82	175	90.2	230/460	11.2	A	
		215T	EM7174T	⑧	2,496	L1	19.31	188	90.2	230/460	11.1	A	19
	1800	215T	EM7070T	⑧	2,462	L1	22.32	175	91.7	230/460	12.5	A	
		215T	EM7170T	⑧	3,114	LS	19.90	251	91.7	230/460	12.5	A	19
		215T	EM7170T-C	④	3,035	L1	19.91	252	91.7	230/460	12.5	A	19
	1200	256T	EM7065T	⑧	3,600	L1	25.50	370	91	230/460	14.4	A	19

^(a) See notes on inside back flap.

■ 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 pages 111-113 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 232.

Explosion Proof, 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	EISA Status ^(a)	Notes ^(a)
15	3600	254T	EM7053T	⑧	2,822	L1	25.50	305	91	230/460	17.2	A	19
	1800	254T	EM7054T	⑧	3,307	L1	25.50	370	92.4	230/460	18	A	19
		254T	EM7054T-C	②	3,388	L1	25.50	370	92.4	230/460	18	A	19
	1200	284T	EM7057T	⑧	5,803	L1	28.61	450	91.7	230/460	21	A	19
20	3600	256T	EM7059T	⑧	3,619	L1	25.50	395	91	230/460	23	A	19
	1800	256T	EM7056T	⑧	4,285	L1	25.50	393	93	230/460	24	A	19
		256T	EM7056T-C	②	4,375	L1	25.50	393	93	230/460	24	A	19
	1200	286T	EM7079T	⑧	5,958	L1	28.61	540	91.7	230/460	26	A	19
25	3600	284TS	EM7063T	⑧	4,817	L1	27.24	530	91.7	230/460	28	A	19
	1800	284T	EM7058T	⑧	5,199	L1	28.61	542	93.6	230/460	30.5	A	19
		284T	EM7058T-C	②	5,300	L1	28.61	564	93.6	230/460	30.5	A	19
	1200	324T	EM7082T	⑧	7,450	L1	32.00	740	93	230/460	32	A	19
30	3600	286TS	EM7083T	⑧	5,662	L1	27.24	560	91.7	230/460	33	A	19
	1800	286T	EM7060T	⑧	6,338	L1	28.61	567	93.6	230/460	36	A	19
		286T	EM7060T-C	②	6,443	L1	28.61	589	93.6	230/460	37	A	19
	1200	326T	EM7080T	⑧	8,219	L1	32.00	750	93	230/460	39	A	19
40	3600	324TS	EM7067T	⑧	7,552	L1	30.50	740	92.4	230/460	45	A	19
	1800	324T	EM7062T	⑧	8,494	L1	32.00	767	94.1	230/460	48	A	19
		324T	EM7062T-C	②	8,609	L1	32.12	834	94.1	230/460	48	A	19
	1200	364T	EM7084T	⑧	9,526	L1	33.44	910	94.1	230/460	49.4	A	19
50	3600	326TS	EM7081T	⑧	9,670	L1	30.50	724	93	230/460	56	A	19
	1800	326T	EM7064T	⑧	11,326	LS	32.00	783	94.5	230/460	57	A	19
		326T	EM7064T-C	②	9,996	L1	32.12	851	94.5	230/460	57	A	19
	1200	365T	EM7085T	⑦	10,751	L1	33.44	950	94.1	230/460	61.7	A	19
60	1800	364T	EM7066T	⑦	12,670	LS	33.25	965	95	230/460	69	A	19
		364T	EM7066T-C	②	11,174	L1	33.25	989	95	230/460	69	A	19
	1200	404T	EM7086T	⑦	12,828	L1	38.31	1300	94.5	230/460	69	A	19
75	1800	365T	EM7068T	②	13,345	L1	33.44	1065	95.4	230/460	86	A	19, 35
	1200	405T	EM7087T	⑦	14,352	L1	38.31	1335	94.5	230/460	86.9	A	19
100	1800	405T	EM7090T	②	15,498	L1	38.31	1335	95.4	230/460	112	A	19
125	1800	444T	EM74124T-4	②	18,111	L1	44.62	1908	95.4	460	139	A	19
150	1800	445T	EM74154T-4	②	20,240	L1	44.62	2048	95.8	460	165	A	19
200	1800	447T	EM74204T-4	②	28,930	L1	48.40	2417	96.2	460	221	A	19

(a) See notes on inside back flap.

■ 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 pages 111-113 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 232.