

**575 Volt,
Three Phase,
Explosion Proof**

1/2 thru 40 Hp

NEMA 56 thru 324T

Applications: Shakers, blowers, pumps, mixers, etc.



Features: All models have torques exceeding NEMA standards, copper windings, rotors that are corrosion treated and precision balanced. 1.00 Service Factor. UL and CSA approved for Class I, Group D, Class II, Group, F & G, T3C.

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)
Foot Mounted, No Drip Cover													
1/2	1800	56	M7006-5	Ⓟ	634	K	14.30	37	74	575	0.9	C	
3/4	1800	56	M7010-5	Ⓟ	730	K	14.30	35	76	575	1.2	C	
1	3600	56	M7013-5	Ⓟ	766	K	13.22	31	75.5	575	1.2	C	
		56	M7014-5	Ⓟ	799	K	14.30	38	75	575	1.4	C	
	1800	143T	EM7014T-5	Ⓟ	1,280	LS	15.23	49	85.5	575	1.2	A	
		143T	M7014T-5	Ⓟ	833	LS	14.36	43	82.5	575	1.2	D	
1 1/2	3600	143T	EM7018T-5	Ⓟ	1,021	L1	14.36	47	84	575	1.6	A	
		143T	M7018T-5	Ⓟ	786	L1	15.23	49	82.5	575	1.5	D	
	1800	145T	EM7034T-5	Ⓟ	1,326	LS	16.10	56	86.5	575	1.6	A	
		145T	M7034T-5	Ⓟ	835	LS	15.23	50	84	575	1.7	D	
2	3600	145T	EM7071T-5	Ⓟ	1,045	L1	16.10	56	85.5	575	2.2	A	
		145T	M7071T-5	Ⓟ	804	L1	15.23	53	84	575	2.1	D	
	1800	145T	EM7037T-5	Ⓟ	1,446	LS	16.10	61	86.5	575	2.2	A	
		145T	M7037T-5	Ⓟ	942	LS	15.23	53	84	575	2.2	D	
3	1800	182T	EM7042T-5	Ⓟ	1,340	L1	18.92	90	89.5	575	3.4	A	
		182T	M7042T-5	Ⓟ	1,030	LS	17.42	78	87.5	575	3.3	D	
5	3600	184T	EM7072T-5	Ⓟ	1,538	L1	18.12	100	88.5	575	4.8	A	
		184T	M7072T-5	Ⓟ	1,183	L1	18.12	94	87.5	575	5.5	D	
	1800	184T	EM7044T-5	Ⓟ	1,660	L1	18.92	105	89.5	575	5.2	A	
		184T	M7044T-5	Ⓟ	1,277	LS	17.37	97	87.5	575	5.2	D	
7 1/2	1800	213T	EM7047T-5	Ⓟ	2,204	L1	19.57	178	91.7	575	8.1	A	
		213T	M7047T-5	Ⓟ	1,574	LS	19.57	170	89.5	575	8.1	D	
10	1800	215T	EM7170T-5	Ⓟ	2,767	L1	19.90	251	91.7	575	9.8	A	
		215T	M7170T-5	Ⓟ	2,131	L1	19.90	217	89.5	575	10.4	D	
15	1800	254T	EM7054T-5	Ⓟ	3,791	LS	25.50	370	92.4	575	14.4	A	
		254T	M7054T-5	Ⓟ	2,461	LS	25.50	351	91	575	14.9	D	
20	1800	256T	EM7056T-5	Ⓟ	4,913	LS	25.50	393	93	575	19.2	A	
		256T	M7056T-5	Ⓟ	3,191	LS	25.50	361	91	575	19.2	D	
25	1800	284T	EM7058T-5	Ⓟ	5,960	LS	28.61	542	93.6	575	24.4	A	
		284T	M7058T-5	Ⓟ	3,948	LS	28.61	528	92.4	575	24.6	D	
30	1800	286T	EM7060T-5	Ⓟ	7,266	L1	28.61	567	93.6	575	48.4	A	
		286T	M7060T-5	Ⓟ	4,735	L1	28.61	552	92.4	575	28.8	D	
40	1800	324T	EM7062T-5	Ⓟ	9,738	LS	32.00	767	94.1	575	38.4	A	
		324T	M7062T-5	Ⓟ	6,447	LS	32.00	761	93	575	37.6	D	

^(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. The Explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty Explosion-proof motors must be used. See page 232.

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

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C-Face, Footless, No Drip Cover													
1/2	1800	56C	VM7006-5	Ⓢ	825	K	14.30	34	74	575	0.9	C	
3/4	1800	56C	VM7010-5	Ⓢ	840	K	14.30	35	76	575	1.2	C	
1	1800	56C	VM7014-5	Ⓢ	882	K	14.30	40	75	575	1.4	C	
		143TC	VEM7014T-5	Ⓢ	1,167	L1	15.23	44	85.5	575	1.1	B	
		143TC	VM7014T-5	Ⓢ	952	L1	14.36	44	82.5	575	1.2	B	
1 1/2	1800	145TC	VEM7034T-5	Ⓢ	1,272	L1	16.10	52	86.5	575	1.6	B	
		145TC	VM7034T-5	Ⓢ	1,026	L1	15.23	50	84	575	1.7	B	
2	1800	145TC	VEM7037T-5	Ⓢ	1,348	L1	17.48	53	86.5	575	2.2	B	
		145TC	VM7037T-5	Ⓢ	1,110	L1	15.23	51	84	575	2.2	B	
3	1800	182TC	VEM7042T-5	Ⓢ	1,522	L1	18.86	95	89.5	575	3.2	B	
		182TC	VM7042T-5	Ⓢ	1,423	L1	18.86	92	87.5	575	3.3	B	
5	1800	184TC	VEM7044T-5	Ⓢ	1,798	L1	18.80	112	89.5	575	5.2	B	
		184TC	VM7044T-5	Ⓢ	1,733	L1	18.80	109	87.5	575	5.2	B	
7 1/2	1800	213TC	VM7047T-5	Ⓢ	2,006	L1	19.19	171	89.5	575	8.1	B	

(a) See notes on inside back flap.

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