

**Severe Duty,
Three Phase,
1.15 Service Factor**

3 thru 150 Hp

NEMA 182T thru 445T

Applications: Harsh industrial environments requiring protection against corrosion, that contain hazardous gas and vapor, dust fibers, filings or other material that may have explosive properties.

Features: 1.15 Service factor, Severe Duty design includes rugged cast iron construction with corrosion resistant epoxy finish. Shaft slingers & inner caps installed on both ends of motor for bearing protection. Includes normally closed thermostats. UL & CSA approved for Division 1, Class 1, Group D, Class 2, Group E, F & G, T3C temperature code.



Hp	RPM	NEMA Frame	Catalog Number	XP ^(a) Cts/Grp	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status ^(a)	Notes ^(a)
3	1800	182T	EM7542T-I	③	1,389	SD	18.92	90	89.5	230/460	4.2	A	1
	1200	213T	EM7536T-I	③	1,996	SD	20.32	152	89.5	230/460	4.6	A	1
5	3600	184T	EM7572T-I	③	1,827	SD	18.12	100	88.5	230/460	5.9	A	1
	1800	184T	EM7544T-I	③	1,721	SD	18.92	105	89.5	230/460	6.5	A	1
7 1/2	1200	215T	EM7540T-I	③	2,618	SD	22.32	172	89.5	230/460	7.2	A	1
	1800	213T	EM7547T-I	③	2,122	SD	19.57	178	91.7	230/460	10.1	A	1
10	1200	254T	EM7548T-I	③	3,099	SD	25.50	392	91	230/460	10.7	A	1
	3600	215T	EM7574T-I	③	2,583	SD	22.32	190	90.2	230/460	11.1	A	1
15	1800	215T	EM7670T-I	③	2,865	SD	19.90	251	91.7	230/460	12.2	A	1
	1200	256T	EM7565T-I	③	3,726	SD	25.50	370	91	230/460	14.4	A	1
20	1800	254T	EM7554T-I	③	3,436	SD	25.50	370	92.4	230/460	18	A	1
	3600	256T	EM7559T-I	③	3,746	SD	25.50	395	91	230/460	23	A	1
25	1800	256T	EM7556T-I	③	4,302	SD	25.50	393	93	230/460	24	A	1
	1800	284T	EM7558T-I	③	5,400	SD	28.61	542	93.6	230/460	30.5	A	1
30	1800	286T	EM7560T-I	③	6,595	SD	28.61	567	93.6	230/460	36	A	1
	1800	324T	EM7562T-I	③	8,825	SD	32.00	767	94.1	230/460	48	A	1
50	1800	326T	EM7564T-I	③	10,267	SD	32.00	790	94.5	230/460	58	A	1
	1200	365T	EM7585T-I	③	11,127	SD	33.44	950	94.1	230/460	61.7	A	1
60	1800	364T	EM7566T-I	③	11,608	SD	33.44	984	95	230/460	95	A	1
	1800	365T	EM7568T-I	③	12,083	SD	33.44	973	95.4	230/460	95.4	A	1
75	1200	405T	EM7587T-I	③	14,855	SD	38.31	1335	94.5	230/460	86.9	A	1
	1800	405T	EM7590T-I	③	15,497	SD	38.31	1404	95.4	460	112	A	1
100	1200	444T	EM7599T-I	③	18,402	SD	44.62	1860	95	460	115	A	1
	1800	444T	EM7600T-I	③	18,709	SD	44.62	1908	95.4	460	95.8	A	1
150	1800	445T	EM7596T-I	③	20,908	SD	44.62	2048	95.8	460	96.2	A	1

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

These motors expel condensation better than standard explosion proof designs. They are recommended for applications where motors may run intermittently, applications where explosion-proof motors are installed outdoors exposed to the environment, and may not be operated for extended periods of time. These 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