

**Drill Rig Duty,
Three Phase,
1.15 Service Factor,
Foot Mounted**

3 thru 100 Hp

NEMA 182T thru 405T



Applications: On and off shore drill rig service, bulk fuel terminals, and transfer stations. For use in high humidity hazardous-duty applications driving pumps, compressors, blowers, fans, and many other loads that require 1.15 service factor explosion-proof motors. Designed with features for use in the petroleum industry. Includes Class I, Group C & D approval for use in areas where hydrogen sulfide is present.

Features: Labyrinth-type recessed shaft slinger for increased bearing protection Explosion-proof breather/drain to prevent build up of condensation. 40°C ambient, Class F insulation. Corrosion resistant finish with two part epoxy coating. UL and CSA approved for Class I, Group C & D. 1.15 service factor. Suitable for 55°C @ 1.0 service factor.

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)
3	1800	182T	EM7042T-I-5	Ⓢ	1,341	SD	18.92	90	89.5	575	3.4	A	1, 19
		182T	M7042T-I-5	Ⓢ	1,033	SD	18.27	99	87.5	575	3.3	D	1, 19
5	1800	184T	EM7044T-I-5	Ⓢ	1,663	SD	18.92	105	89.5	575	5.2	A	1, 19
		184T	M7044T-I-5	Ⓢ	1,281	SD	18.27	114	87.5	575	5.2	D	1, 19
7 1/2	1800	213T	EM7047T-I-5	Ⓢ	2,050	SD	19.57	178	91.7	575	8.1	A	1, 19
		213T	M7047T-I-5	Ⓢ	1,579	SD	20.32	165	89.5	575	8.2	D	1, 19
10	1800	215T	EM7170T-I-5	Ⓢ	2,767	SD	19.90	251	91.7	575	9.8	A	1, 19
		215T	M7170T-I-5	Ⓢ	2,131	SD	20.03	230	89.5	575	11.4	D	1, 19
15	1800	254T	EM7054T-I-5	Ⓢ	3,320	SD	25.50	370	92.4	575	14.4	A	1, 19
		254T	M7054T-I-5	Ⓢ	2,469	SD	25.50	381	91	575	14.9	D	1, 19
20	1800	256T	EM7056T-I-5	Ⓢ	4,156	SD	25.50	393	93	575	19.2	A	1, 19
		256T	M7056T-I-5	Ⓢ	3,201	SD	25.50	381	91	575	19.2	D	1, 19
25	1800	284T	EM7058T-I-5	Ⓢ	5,218	SD	28.61	542	93.6	575	24.4	A	1, 19
		284T	M7058T-I-5	Ⓢ	3,960	SD	28.61	415	92.4	575	24.6	D	1, 19
30	1800	286T	EM7060T-I-5	Ⓢ	6,363	SD	28.61	567	93.6	575	48.4	A	1, 19
		286T	M7060T-I-5	Ⓢ	4,735	SD	28.61	583	92.4	575	28.8	D	1, 19
40	1800	324T	EM7062T-I-5	Ⓢ	8,527	SD	32.00	767	94.1	575	38.4	A	1, 19
		324T	M7062T-I-5	Ⓢ	6,468	SD	32.00	764	93	575	37.6	D	1, 19
50	1800	326T	EM7064T-I-5	Ⓢ	9,919	SD	32.00	790	94.5	575	46.4	A	1, 19
		326T	M7064T-I-5	Ⓢ	7,526	SD	32.00	795	93	575	47	D	1, 19
60	1800	364T	EM7066T-I-5	Ⓢ	11,215	SD	33.44	965	95	575	91.6	A	1, 19
		364T	M7066T-I-5	Ⓢ	8,537	SD	33.25	979	93.6	575	56	D	1, 19
75	1800	365T	EM7068T-I-5	Ⓢ	11,675	SD	33.44	1065	95.4	575	68.9	A	1, 19
		365T	M7068T-I-5	Ⓢ	10,500	SD	33.25	1031	94.1	575	69	D	1, 19
100	1800	405T	EM7090T-I-5	Ⓢ	14,973	SD	38.31	1335	95.4	575	90	A	1, 19
		405T	M7090T-I-5	Ⓢ	12,693	SD	38.75	1372	94.5	575	87	D	1, 19

(a) See notes on inside back flap.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes