

**Inverter,
Explosion Proof,
Three Phase, TEFC,
Class I, Group D**

1/2 thru 75 Hp

NEMA 56C thru 405T

Applications: Designed for use in hazardous locations with Inverters.



Features: UL and CSA approved for hazardous locations. 1/2 through 2 Hp Class I, Group D, Class II, Groups F & G, Temperature Code T3C (160°C). 3 Hp and larger, Class I, Group D only, Temperature Code T2B (280°C). Class F insulation, ISR (Inverter Spike Resistant) magnet wire, 1.0 service factor, thermostats. All ratings constant horsepower 60 to 90 Hz. Not encoder adaptable. Meets NEMA MG 1, Part 31.

Hp	RPM	Max. RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2:1 Constant Torque, 10:1 Variable Torque Ratings												
3	1800	2700	182TC	IDXM7142T	1,324	E2	18.24	142	89.5	230/460	4	2,20,56
5	1800	2700	184TC	IDXM7144T	1,574	E2	18.24	158	89.5	230/460	6.5	2,20,56
7 1/2	1800	2700	213TC	IDXM7147T	1,979	E2	20.69	228	91.7	230/460	9.5	2,20,56
10	1800	2700	215TC	IDXM7170T	2,715	E2	20.69	196	92.4	208-230/460	12.5	2,20,56
15	1800	2700	254TC	IDXM7054T	3,109	E2	26.00	356	92.4	230/460	18	2,20,56
20	1800	2700	256TC	IDXM7056T	4,034	E2	26.00	393	93	230/460	24	2,20,56
25	1800	2700	284T	IDXM7058T	4,780	E2	28.61	541	93.6	230/460	30.5	2,20,56
30	1800	2700	286T	IDXM7060T	5,831	E2	28.61	561	94.1	230/460	36	56
40	1800	2700	324T	IDXM7062T	7,810	E2	32.12	782	94.5	230/460	46	2,20,56
50	1800	2700	326T	IDXM7064T	9,087	E2	32.12	785	94.5	230/460	57	2,20,56
60	1800	2700	364T	IDXM7066T	10,375	E2	33.25	967	95	230/460	69	2,20,56
75	1800	2700	405T	IDXM7068T	11,501	E2	38.75	1,259	94.1	230/460	85	2,20,45,56
10:1 Constant Torque and Variable Torque Ratings												
1/3	1800	2700	56C	IDXM7002	918	E2	12.55	43	—	230/460	0.6	
1/2	1800	2700	56C	IDXM7006	943	E2	14.30	39	82.5	230/460	0.8	2,20,59
3/4	1800	2700	56C	IDXM7010	964	E2	14.30	43	82.5	230/460	1.1	2,20,59
1	1800	2700	143TC	IDXM7014T	1,074	E2	15.23	47	87.5	230/460	1.5	2,20,59
1 1/2	1800	2700	145TC	IDXM7034T	1,113	E2	16.10	53	88.5	230/460	2.1	2,20,59
2	1800	2700	145TC	IDXM7037T	1,216	E2	17.48	67	88.5	230/460	2.6	2,20,59
3	1800	2700	182TC	IDXM7542T	1,389	E2	18.24	141	89.5	230/460	4	2,20,56
5	1800	2700	213TC	IDXM7544T	2,023	E2	20.65	212	90.2	230/460	6.3	56
7 1/2	1800	2700	215TC	IDXM7547T	2,845	E2	20.65	225	91.7	230/460	9.5	2,20,56
10	1800	2700	254TC	IDXM7570T	3,184	E2	26.00	378	91.7	230/460	13	2,20,56
15	1800	2700	256TC	IDXM7554T	4,130	E2	26.00	381	92.4	230/460	17	2,20,56
20	1800	2700	284T	IDXM7556T	5,008	E2	28.61	523	90.2	230/460	24.5	2,20,56
25	1800	2700	324T	IDXM7558T	6,031	E2	32.12	742	91.7	230/460	30	2,20,56
30	1800	2700	326T	IDXM7560T	7,018	E2	32.12	747	94.5	230/460	35	2,20,56
40	1800	2700	364T	IDXM7562T	7,851	E2	33.25	913	93.6	230/460	46	2,20,56
50	1800	2700	365T	IDXM7564T	9,794	E2	33.25	971	93.6	230/460	61	2,20,56
60	1800	2700	405T	IDXM7566T	11,601	E2	38.75	1,265	93.6	230/460	69	2,20,56

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

■ 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