

**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. 1/3 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	XP ^(a) Cls/Grp	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status ^(b)	Notes ^(b)
2:1 Constant Torque, 10:1 Variable Torque Ratings														
3	1800	2700	182TC	IDXM7142T	Ⓢ	1,512	E2	18.24	142	88.5	230/460	4.2	A	2, 20
5	1800	2700	184TC	IDXM7144T	Ⓢ	1,798	E2	18.24	158	89.5	230/460	6.5	A	2, 20
7 1/2	1800	2700	213TC	IDXM7147T	Ⓢ	2,261	E2	20.69	228	91	230/460	9.5	A	2, 20
10	1800	2700	215TC	IDXM7170T	Ⓢ	3,100	E2	20.69	196	92.4	208-230/460	12.5	A	2, 20
15	1800	2700	254TC	IDXM7054T	Ⓢ	3,550	E2	26.00	356	92.4	230/460	18	A	2, 20
20	1800	3600	256TC	IDXM7056T	Ⓢ	4,606	E2	26.00	393	93	230/460	24	A	2, 20
25	1800	2700	284T	IDXM7058T	Ⓢ	5,458	E2	28.61	541	93.6	230/460	30.5	A	2, 20
30	1800	2700	286T	IDXM7060T	Ⓢ	6,657	E2	28.61	561	94.1	230/460	36	A	2, 20
40	1800	2700	324T	IDXM7062T	Ⓢ	8,917	E2	32.12	782	94.5	230/460	46	A	2, 20
50	1800	2700	326T	IDXM7064T	Ⓢ	10,374	E2	32.12	785	94.5	230/460	57	A	2, 20
60	1800	2700	364T	IDXM7066T	Ⓢ	11,845	E2	33.25	967	95	230/460	69	A	2, 20
75	1800	2700	405T	IDXM7068T	Ⓢ	13,131	E2	38.75	1259	94.1	230/460	85	A	2, 20, 45
10:1 Constant Torque and Variable Torque Ratings														
1/3	1800	2700	56C	IDXM7002	Ⓢ	1,049	E2	14.30	45	80	230/460	0.6	C	2, 20
1/2	1800	2700	56C	IDXM7006	Ⓢ	1,078	E2	14.30	39	82.5	230/460	0.8	C	2, 20
3/4	1800	2700	56C	IDXM7010	Ⓢ	1,102	E2	14.30	43	84	230/460	1.1	C	2, 20
1	1800	2700	143TC	IDXM7014T	Ⓢ	1,227	E2	15.23	51	87.5	230/460	1.5	A	2, 20
1 1/2	1800	2700	145TC	IDXM7034T	Ⓢ	1,271	E2	16.10	60	88.5	230/460	2.1	A	2, 20
2	1800	2700	145TC	IDXM7037T	Ⓢ	1,390	E2	17.48	67	88.5	230/460	2.6	A	2, 20
3	1800	2700	182TC	IDXM7542T	Ⓢ	1,586	E2	18.24	147	89.5	230/460	4	A	2, 20
5	1800	2700	213TC	IDXM7544T	Ⓢ	2,311	E2	20.65	212	90.2	230/460	6.3	A	2, 20
7 1/2	1800	2700	215TC	IDXM7547T	Ⓢ	3,249	E2	20.65	225	91.7	230/460	9.5	A	2, 20
10	1800	2700	254TC	IDXM7570T	Ⓢ	3,636	E2	26.00	378	91.7	230/460	13	A	2, 20
15	1800	2700	256TC	IDXM7554T	Ⓢ	4,715	E2	26.00	381	92.4	230/460	17	A	2, 20
20	1800	2700	284T	IDXM7556T	Ⓢ	5,718	E2	28.61	523	90.2	230/460	24.5	A	2, 20
25	1800	2700	324T	IDXM7558T	Ⓢ	6,885	E2	32.12	742	91.7	230/460	30	A	2, 20
30	1800	3900	326T	IDXM7560T	Ⓢ	8,013	E2	32.12	747	94.5	230/460	35	A	2, 20
40	1800	2700	364T	IDXM7562T	Ⓢ	8,963	E2	33.25	913	93.6	230/460	46	A	2, 20
50	1800	2700	365T	IDXM7564T	Ⓢ	11,181	E2	33.25	971	93.6	230/460	61	A	2, 20
60	1800	2700	405T	IDXM7566T	Ⓢ	13,245	E2	38.75	1265	93.6	230/460	69	A	2, 20

^(a) See explosion proof symbols on inside back flap.

^(b) 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 Start & Dynamic Brakes