

Inverter, Three Phase, TEBC and TENV, C-Face, Foot Mounted



1/3 thru 50 Hp

NEMA 56C thru 326T

Applications: Conveyors, pumps, fans, metal processing, compressors, test stands, and material handling equipment.

Features: Designed for inverter or vector applications where up to a 1000:1 constant torque speed range is required. Compatible with optional encoder feedback devices for use in closed loop velocity or position control. Meets NEMA MG 1, Part 31. Can operate across the line.

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes ^(a)
1/3	1800	2700	56C	TENV	IDNM3534	495	E2	13.84	33	80	230/460	0.6	2, 8, 60
1/2	1800	2700	56C	TENV	IDNM3538	579	E2	13.84	31	80	230/460	0.8	2, 8, 60
3/4	1800	2700	56C	TENV	IDNM3542	645	E2	13.84	33	78.5	230/460	1.4	2, 8, 60
1	1800	2700	143TC	TENV	IDNM3581T	1315	E2	14.65	58	85.5	230/460	1.5	2, 8, 60
			143TC	TEBC	IDM3581T	1737	E2	19	65	87.5	230/460	1.5	2, 8
			143TC	TEBC	IDM3581T-5	1737	E2	19.02	65	85.5	575	1.2	2, 8
	1200	1800	145TC	TEBC	IDM3582T	2040	E2	19.02	68	82.5	230/460	1.8	2, 8
1.5	1800	2700	145TC	TENV	IDNM3584T	1451	E2	14.65	58	84	230/460	2.3	2, 8, 60
			145TC	TEBC	IDM3584T	1837	E2	19.02	70	88.5	230/460	2.1	2, 8
			145TC	TEBC	IDM3584T-5	1837	E2	19.02	70	88.5	575	1.7	2, 8
	1200	1800	182TC	TEBC	IDM3667T	2294	E2	21.71	107	87.5	230/460	2.5	2, 8
2	1800	2700	145TC	TEBC	IDM3587T	1964	E2	19.02	72	88.5	230/460	2.7	2, 8
			145TC	TEBC	IDM3587T-5	1964	E2	19.02	73	88.5	575	2.3	2, 8
			145TC	TENV	IDNM3587T	1516	E2	14.65	67	86.5	230/460	2.8	2, 8, 60
	182TC	TENV	IDNM3669T	1759	E2	17.21	94	84	230/460	2.9	2, 8, 60		
1200	1800	184TC	TEBC	IDM3664T	2356	E2	21.71	124	88.5	230/460	3.2	2, 8	
3	1800	2700	184TC	TEBC	IDM3661T	2509	E2	21.71	111	89.5	230/460	4.1	2, 8
			184TC	TEBC	IDM3661T-5	2509	E2	21.71	112	89.5	575	3.3	2, 8
			184TC	TENV	IDNM3661T	1986	E2	17.21	108	88.5	230/460	4.2	2, 8, 60
	1200	1800	213TC	TEBC	IDM3764T	3082	E2	29.14	187	90.2	230/460	4.5	2, 8, 70
5	1800	2700	184TC	TEBC	IDM3665T	2654	E2	21.71	124	90.2	230/460	6.5	2, 8
			184TC	TEBC	IDM3665T-5	2654	E2	21.71	124	90.2	575	5.2	2, 8
			184TC	TENV	IDNM3665T	2215	E2	17.21	116	89.5	230/460	6.6	2, 8, 60
	213TC	TENV	IDNM3767T	2469	E2	20.4	170	89.5	230/460	6.7	2, 8, 60		
1200	1800	215TC	TEBC	IDM3768T	3772	E2	29.14	226	90.2	230/460	7.3	2, 8, 70	
7.5	1800	2700	213TC	TEBC	IDM3770T	3200	E2	29.14	170	91.7	230/460	9.5	2, 8, 70
			213TC	TEBC	IDM3770T-5	3200	E2	30.07	170	91.7	575	7.5	2, 8, 70
			254TC	TENV	IDNM2237T	3071	E2	24.05	242	90.2	230/460	9.1	2, 8, 60
	213TC	TENV	IDNM3770T	2563	E2	20.4	196	91.7	230/460	10.1	2, 8, 60		
1200	1800	254TC	TEBC	IDM2276T	5423	E2	33.07	332	91	230/460	10.7	2, 8, 70	
10	1800	2700	215TC	TEBC	IDM3774T	3428	E2	29.14	231	92.4	230/460	12.5	2, 8, 70
			215TC	TEBC	IDM3774T-5	3428	E2	30.07	231	92.4	575	10	2, 8, 70
			256TC	TENV	IDNM2238T	3213	E2	24.05	286	91.7	230/460	13	2, 8, 60
	1200	1800	256TC	TEBC	IDM2332T	6626	E2	33.07	352	91.7	230/460	14.2	2, 8, 70
15	1800	2700	256TC	TEBC	IDM2333T	3726	E2	33.07	318	92.4	230/460	18.1	2, 8, 70
			256TC	TEBC	IDM2333T-5	3726	E2	34.15	318	92.4	575	14.5	2, 8, 70
			254TC	TENV	IDNM2333T	3310	E2	24.05	286	93.6	230/460	18.5	2, 8, 60
	1200	1800	284T	TEBC	IDM4100T	7855	E2	36.48	450	93	230/460	19.7	2, 8, 45, 70
20	1800	2700	256TC	TEBC	IDM2334T	3980	E2	33.07	333	93	230/460	24	2, 8, 70
			256TC	TEBC	IDM2334T-5	3980	E2	34.15	333	93	575	19	2, 8, 70
			284T	TENV	IDNM2334T	4573	E2	27.36	406	94.5	230/460	25.5	2, 8, 45, 60
	1200	1800	286T	TEBC	IDM4102T	8844	E2	36.48	455	93	230/460	26	2, 8, 45, 70
25	1800	2700	286T	TEBC	IDM4103T	4908	E2	36.48	417	93.6	230/460	30	2, 8, 45, 70
	1200	1800	324T	TEBC	IDM4111T	10079	E2	39.24	557	93	230/460	32	2, 8, 45, 70
30	1800	2700	286T	TEBC	IDM4104T	5629	E2	36.48	464	93.6	230/460	38	2, 8, 45, 70
	1200	1800	326T	TEBC	IDM4117T	11217	E2	39.24	628	93	230/460	39	2, 8, 45, 70
40	1800	2700	324T	TEBC	IDM4110T	7612	E2	39.24	605	94.5	230/460	47	2, 8, 45, 70
50	1800	2700	326T	TEBC	IDM4115T	8543	E2	39.24	622	94.5	230/460	57	2, 8, 45, 70

(a) See notes on inside back flap. ■ Cast Iron Frame
 Constant velocity fan: 115 volts, single phase from 143TC through 184TC and all 575 volt drive motors. Constant velocity fan: 230/460, three phase from 213 TC through 447T.
 May be converted to C-Face in Mod Express or built as custom motors. Consult District Office for availability of 2 pole motors and C-Face motors for 284T through 5009L frames.
1000:1 CONSTANT TORQUE SPEED RANGE