

ACCU-Torq™ Totally Enclosed, Non-Ventilated (TENV) Vector Duty, C-Face, 2000:1 Constant Torque



APPLICATIONS:

Designed for use with inverter and vector drive applications. Particularly suited for applications up to a 2000:1 constant torque speed range, including: machine tools, material handling, packaging machines, crane and hoists, equipment, and other industrial machinery.

FEATURES:

- Constant Torque operation from zero to base speed with vector drives
- Constant HP operation to twice base speed
- Optimized for operation with IGBT and intelligent-power-module drives (NEMA[®] Design-A)
- Class F insulation
- Normally closed thermostats standard
- Shaft grounding ring option on all ratings
- F-1 standard, field convertible to F-2 for 180 Frame and above
- Encoder and brake provision on all ratings
- Three year warranty

HP	Base RPM	Max RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	Full Load Amps	Rated Stall Torque lb.-in.	Inertia lb.-in.-sec ²	Ship Wt. (lbs.)	Frame Material
1/4	1800	3600	230/460	56C	UN14T2BC	\$293	DS-VFM	1.0/0.5	37.2	0.026	18.9	Steel
1/3	1800	3600	230/460	56C	UN13T2BC	\$307	DS-VFM	1.1/0.6	45.6	0.036	18.9	Steel
1/2	1800	3600	230/460	56C	UN12T2BC	\$355	DS-VFM	1.5/0.7	58.8	0.039	19.3	Steel
	1800	3600	575	56C	UN12T2GC	\$390	DS-VFM	0.6	58.8	0.039	19.3	Steel
1	1800	3600	230/460	56C	UN1T2BFC	\$420	DS-VFM	3.2/1.6	169	0.040	24.3	Steel
	1800	3600	575	56C	UN1T2GC	\$490	DS-VFM	0.9	168	0.040	24.3	Steel
	1800	3600	230/460	143TC	UN1T2BC	\$420	DS-VFM	3.2/1.6	169	0.040	26.8	Steel
	1200	2400	230/460	145TC	UN1T3BC	\$455	DS-VFM	3.6/1.8	163	0.045	41.6	Steel
1-1/2	1800	3600	230/460	145TC	UN32T2BC	\$476	DS-VFM	4.6/2.3	278	0.048	41.9	Steel
2	1800	3600	230/460	145TC	UN2T2BC	\$651	DS-VFM	4.4/2.2	306	0.065	54.3	Steel
	1800	3600	575	145TC	UN2T2GC	\$720	DS-VFM	2.2	298	0.065	54.3	Steel
	1200	2400	230/460	184TC	UN2T3BC	\$944	DS-VFM	6.2/3.1	245	0.134	75.3	Aluminum
3	1800	3600	230/460	182TC	UN3T2BC	\$816	DS-VFM	10.0/5.0	427	0.109	65.2	Aluminum
	1800	3600	575	182TC	UN3T2GC	\$890	DS-VFM	4.1	434	0.109	65.2	Aluminum
	1200	2400	230/460	213TC	UN3T3BC	\$1,154	DS-VFM	9.0/4.5	514	0.254	115.6	Aluminum
5	1800	3600	230/460	184TC	UN5T2BC	\$964	DS-VFM	14.0/7.0	653	0.176	83.5	Aluminum
	1800	3600	575	184TC	UN5T2GC	\$1,030	DS-VFM	5.6	646	0.176	83.5	Aluminum
	1200	2400	230/460	215TC	UN5T3BC	\$1,396	DS-VFM	15.8/7.9	1,022	0.344	148.7	Aluminum
7-1/2	1800	3600	230/460	213TC	UN7T2BC	\$1,282	DS-VFM	18.6/9.8	902	0.299	135.2	Aluminum
	1800	3600	575	213TC	UN7T2GC	\$1,380	DS-VFM	7.8	883	0.299	135.2	Aluminum
	1200	2400	230/460	254TC	UN7T3BC	\$1,878	DS-VFM	20.2/10.1	1,041	0.986	211.1	Aluminum
10	1800	3600	230/460	215TC	UN10T2BC	\$1,516	DS-VFM	25.4/12.7	1,477	0.494	143.5	Aluminum
	1800	3600	575	215TC	UN10T2GC	\$1,690	DS-VFM	10.2	1,430	0.494	143.5	Aluminum
	1200	2400	230/460	256TC	UN10T3BC	\$2,170	DS-VFM	26.0/13.0	1,420	1.298	265.4	Aluminum
15	1800	3600	230/460	254TC	UN15T2BC	\$1,824	DS-VFM	36.6/18.3	1,858	0.985	255.2	Aluminum
	1800	3600	575	254TC	UN15T2GC	\$1,920	DS-VFM	14.5	1,779	0.985	255.2	Aluminum
20	1800	3600	230/460	256TC	UN20T2BC	\$2,638	DS-VFM	55.6/27.8	3,304	1.189	266	Aluminum
	1800	3600	575	256TC	UN20T2GC	\$2,800	DS-VFM	22.3	3,297	1.189	266	Aluminum
25	1800	3600	230/460	284TC	UN25T2BC	\$2,904	DS-VFM	57.6/28.8	2,381	1.654	482.9	Cast Iron
	1800	3600	575	284TC	UN25T2GC	\$3,120	DS-VFM	23.3	2,496	1.654	482.9	Cast Iron

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