



ACCU-Torq™ AC Motors

2000:1 Constant Torque Speed Range



Standard Features

TENV Enclosure, Removable Feet
 NEMA Design A - Designed for Inverter Duty
 Constant Torque operation from zero to base speed on vector drives
 Constant hp operation to twice base speed
 Class F insulation, Normally closed thermostats standard
 F-1 standard, field convertible to F-2 for 180 Frame and above
 Three year warranty by Emerson / US Motors

Notes:

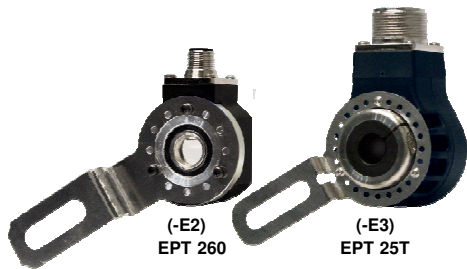
* All motors have 40C ambient, 1.0 SF on Inverter Power, 3300 ft max altitude, Class F Insulation.
 * 575 Volt motors require output line reactors between drive and motor to limit voltage spikes to motor.

Date Updated: February 24, 2010

HP	RPM	Volts	Enc	Frame	Frame Material	Catalog Number	List Price	Weight (Lbs)	Full Load Amps
0.25	1800	230/460	TENV	56C	Steel	UN14T2BC	\$404	18.9	1.0/0.5
0.33	1800	230/460	TENV	56C	Steel	UN13T2BC	\$424	18.9	1.1/0.6
0.5	1800	230/460	TENV	56C	Steel	UN12T2BC	\$490	19.3	1.5/0.7
		575	TENV	56C	Steel	UN12T2GC	\$538	19.3	0.6
1	1800	230/460	TENV	56C	Steel	UN1T2BFC	\$580	24.3	3.2/1.6
			TENV	143TC	Steel	UN1T2BC	\$580	26.8	3.2/1.6
		575	TENV	56C	Steel	UN1T2GC	\$676	24.3	1.3
		TENV	145TC	Steel	UN1T3BC	\$628	41.6	3.6/1.8	
1.5	1800	230/460	TENV	145TC	Steel	UN32T2BC	\$657	41.9	4.6/2.3
2	1800	230/460	TENV	145TC	Steel	UN2T2BC	\$898	54.3	5.6/2.8
		575	TENV	145TC	Steel	UN2T2GC	\$994	54.3	2.2
		230/460	TENV	184TC	Aluminum	UN2T3BC	\$1,303	75.3	6.2/3.1
3	1800	230/460	TENV	182TC	Aluminum	UN3T2BC	\$1,126	65.2	10.0/5.0
		575	TENV	182TC	Aluminum	UN3T2GC	\$1,228	65.2	4.1
		230/460	TENV	213TC	Aluminum	UN3T3BC	\$1,593	115.6	9.0/4.5
5	1800	230/460	TENV	184TC	Aluminum	UN5T2BC	\$1,330	83.5	14.0/7.0
		575	TENV	184TC	Aluminum	UN5T2GC	\$1,421	83.5	5.6
		230/460	TENV	215TC	Aluminum	UN5T3BC	\$1,926	148.7	16.0/8.0
7.5	1800	230/460	TENV	213TC	Aluminum	UN7T2BC	\$1,769	135.2	18.8/9.4
		575	TENV	213TC	Aluminum	UN7T2GC	\$1,904	135.2	7.5
		230/460	TENV	254TC	Aluminum	UN7T3BC	\$2,592	211.1	19.8/9.9
10	1800	230/460	TENV	215TC	Aluminum	UN10T2BC	\$2,092	143.5	25.4/12.7
		575	TENV	215TC	Aluminum	UN10T2GC	\$2,332	143.5	10
		230/460	TENV	256TC	Aluminum	UN10T3BC	\$2,995	265.4	25.3/12.7
15	1800	230/460	TENV	254TC	Aluminum	UN15T2BC	\$2,517	255.2	36.0/17.8
		575	TENV	254TC	Aluminum	UN15T2GC	\$2,650	255.2	14.2
20	1800	230/460	TENV	256TC	Aluminum	UN20T2BC	\$3,640	266	50.0/24.8
		575	TENV	256TC	Aluminum	UN20T2GC	\$3,864	266	19.8
25	1800	230/460	TENV	284TC	Cast Iron	UN25T2BC	CF	482.9	57.6/28.8
		575	TENV	284TC	Cast Iron	UN25T2GC	CF	482.9	23.3
30	1800	230/460	TENV	286TC	Cast Iron	UN30T2BC	CF	501.5	72.2/36.1
		575	TENV	286TC	Cast Iron	UN30T2GC	CF	501.5	29.0

Avail TBD
 Avail TBD
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56C - 145TC Frames Available from Stock



(-E2)
EPT 260

(-E3)
EPT 25T

Max Cable Distance VFD to Motor (feet)		
Switching Frequency	230V	460V
3 Khz	400	200
6 Khz	400	200
9 Khz	400	200
12 Khz	400	200
15 Khz	400	200
20 Khz	400	200

Encoder Options

Description	Order Code	List Price	Disc
EPC-260 2048 ppr Encoder with M12 8 pin connector for use with VUFOS-xxx motor feedback cables. Includes protective cover.	-E2	\$534	MT
EPC-25T 2048 ppr Encoder with MS 10 pin connector for use with ENCO-xxx motor feedback cables. Includes protective cover.	-E3	\$669	MT

Add Suffix to Motor Order Code

One Week Availability

Motor Feedback Cables

Description	Order Code	List Price	Disc
Cable prewired with M12 encoder mating connector for EPC-260 encoder. Flying Leads at drive end for running through conduit and termination on SM-ETC.	VUFOS-015	\$130	VA
	VUFOS-025	\$150	VA
	VUFOS-050	\$200	VA
	VUFOS-075	\$250	VA
	VUFOS-100	\$300	VA
	VUFOS-xxx	\$200 + \$2/ft	VA
#N/A	VUFCS-015	#N/A	#N/A
	VUFCS-025	#N/A	#N/A
	VUFCS-050	#N/A	#N/A
	VUFCS-075	#N/A	#N/A
	VUFCS-100	#N/A	#N/A
	VUFCS-xxx	#N/A	#N/A
Feedback Cable. MS 10 pin connector at Encoder to Flying leads, Custom length in 5ft increments. (SCSLD, EPC 25T, Marathon & Reliance HS35 Encoders)	ENCO-015	\$160	VA
	ENCO-025	\$180	VA
	ENCO-050	\$230	VA
	ENCO-075	\$280	VA
	ENCO-100	\$330	VA
ENCO-xxx	\$230 + \$2/ft	VA	

One Week Availability, VA Discount on Cables Only