

# Definite Purpose Three Phase, Totally Enclosed Non-Ventilated (TENV) Vector Duty 0-1800 RPM (0-60 Hz) Speed Range Constant Torque

CTNX

## APPLICATIONS:

Designed for conveyors, presses, hoists or other inverter powered applications having constant torque requirements at or near zero speed.

## FEATURES:

- Inverter Grade<sup>®</sup> Insulation System (Meets NEMA<sup>®†</sup> MG-1 Part 31)
- Class F Thermostats (One Per Phase), Premium Efficient, Special Balance
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- 40C Ambient, NEMA<sup>®†</sup> Design A Performance
- Conversion Kits: Cast Iron Conduit Box, C&D Flange
- Double Shielded Bearings, Regreasable 250 Frame & UP
- Lifting Provisions 180 Frame & Up
- 5-28 Volt, 1024 PPR Encoder, Quadrature Output
- 9 Pin Sub-D Encoder Connector Standard, 10 Pin MS Connector Optional
- Double Dip & Bake with Extra Bracing
- Class F Insulation, 1.15 SF on Sine Wave/1.0 SF on PWM
- Constant Horsepower to 90 Hz
- Cast Iron Bearing Caps (180 Frame & Up)

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800 (3600)	230/460	145TC	VN1T2BC	\$1,384	DS-VFM	1.15	14.3	60	85.5	4.4/2.2	28
	1200 (2400)	230/460	145TC	VN1T3BC	\$1,457	DS-VFM	1.15	14.3	70	81.5	3.7/1.9	28
1-1/2	1800 (3600)	230/460	145TC	VN32T2BC	\$1,430	DS-VFM	1.15	14.3	70	85.5	5.5/2.8	28
	1200 (2400)	230/460	182TC	VN32T3BC	\$1,861	DS-VFM	1.15	14.8	100	86.5	5/2.5	28
2	1800 (3600)	230/460	182TC	VN2T2BC	\$1,886	DS-VFM	1.15	14.8	122	89.5	7.7/3.9	28
	1200 (2400)	230/460	184TC	VN2T3BC	\$1,932	DS-VFM	1.15	15.8	135	87.5	6/3	28
3	1800 (3600)	230/460	184TC	VN3T2BC	\$1,981	DS-VFM	1.15	15.8	135	89.5	12.5/6.3	28
	1200 (2400)	230/460	213TC	VN3T3BC	\$2,166	DS-VFM	1.15	17.7	160	90.2	8.7/4.4	28
5	1800 (3600)	230/460	213T	VN5T2B	\$2,315	DS-VFM	1.15	17.7	185	91	18.4/9.2	28
	1200 (2400)	230/460	215TC	VN5T3BC	\$2,615	DS-VFM	1.15	19.2	210	90.2	14/7	28
7-1/2	1800 (3600)	230/460	215T	VN7T2B	\$2,544	DS-VFM	1.15	19.2	210	91.7	23.8/11.9	28
	1200 (2400)	230/460	254T	VN7T3B	\$3,092	DS-VFM	1.15	22.8	300	91	18.6/9.3	28
10	1800 (3600)	230/460	254T	VN10T2B	\$3,061	DS-VFM	1.15	22.8	275	92.4	37/18.4	28
	1200 (2400)	230/460	256T	VN10T3B	\$3,422	DS-VFM	1.15	25.6	340	91.7	24.5/12.3	28
15	1800 (3600)	230/460	256T	VN15T2B	\$3,341	DS-VFM	1.15	25.6	315	93	47/23.7	28

Note 28 TENV Enclosure

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