

GENERAL PURPOSE UNIMOUNT
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY
 GENERAL PURPOSE 841 PLUS
 GENERAL PURPOSE e-LINE
 GENERAL PURPOSE OPEN DRI/PROOF
 GENERAL PURPOSE HAZARDOUS LOCATION
 GENERAL PURPOSE AUTOMOTIVE DUTY
 COOLING TOWER DUTY
 HAZARDOUS LOCATION
 C-FACE MOTORS

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



CTX
Blower Cooled

APPLICATIONS:

For conveyors, presses, hoists or other inverter powered applications having constant torque requirements at or near zero speed.
All items on this page are assembled to order. Contact your Customer Service representative for lead-times.

FEATURES:

- Inverter Grade[®] Insulation System (Meets NEMA[®] MG-1 Part 31)
- Class F Thermostats (1/Phase), Premium Efficient, Special Balance
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Mill & Chemical Duty Paint, 40C Ambient, NEMA[®] Design B
 - On 60 Hertz Sine Wave Power
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger For IP54 Protection, Constant HP To 90 Hz
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Regreasable Bearings 250 Frame & Up, Lifting Provisions 180 Frame & Up
- Sealed Bearings 140, Double Shielded 180-360
- Double Dip & Bake With Extra Bracing
- 5-28 Volt, 1024 PPR Encoder, Quadrature Output
- On Blower Cooled Only: Constant Speed Blower: 115V (140-180 Frame), 230/460V (210-440 Frame)
- 10 Pin MS Encoder Connector Standard; 9 Pin Sub D Connector Optional
- Conversion Kits: Cast Iron Conduit Box, C&D Flanges, See Pages 260-264

Non-Ventilated

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800 (3600)	230/460	145TC	VN1T2BC	\$2,268	DS-VFM	14.3	60	85.5	4.4/2.2	28
1-1/2	1800 (3600)	230/460	145TC	VN32T2BC	\$2,344	DS-VFM	14.3	70	85.5	5.5/2.8	28
2	1800 (3600)	230/460	182TC	VN2T2BC	\$3,091	DS-VFM	14.8	122	89.5	7.7/3.9	28
3	1800 (3600)	230/460	184TC	VN3T2BC	\$3,247	DS-VFM	15.8	135	89.5	12.5/6.3	28
5	1800 (3600)	230/460	213T	VN5T2B	\$3,794	DS-VFM	17.7	185	91.0	18.4/9.2	28
7-1/2	1800 (3600)	230/460	215T	VN7T2B	\$4,169	DS-VFM	19.2	210	91.7	23.8/11.9	28
10	1800 (3600)	230/460	254T	VN10T2B	\$5,017	DS-VFM	22.8	275	92.4	37/18.4	28
15	1800 (3600)	230/460	256T	VN15T2B	\$5,476	DS-VFM	25.6	315	93.0	47/23.7	28

Blower Cooled

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800 (3600)	230/460	143TC	VB1T2BC	\$3,060	DS-VFM	14.3	65	85.5	2.9/1.5	07
1-1/2	1800 (3600)	230/460	145TC	VB32T2BC	\$3,147	DS-VFM	14.3	68	85.5	4.4/2.2	07
2	1800 (3600)	230/460	145TC	VB2T2BC	\$3,222	DS-VFM	14.3	75	85.5	5.5/2.8	07
3	1800 (3600)	230/460	182TC	VB3T2BC	\$4,299	DS-VFM	14.8	125	89.5	7.7/3.9	07
5	1800 (3600)	230/460	184TC	VB5T2BC	\$4,455	DS-VFM	15.8	144	89.5	12.5/6.3	07
7-1/2	1800 (3600)	230/460	213T	VB7T2B	\$5,222	DS-VFM	17.7	195	91.0	18.4/9.2	08
10	1800 (3600)	230/460	215T	VB10T2B	\$5,597	DS-VFM	19.2	220	91.7	23.8/11.9	08
15	1800 (3600)	230/460	254T	VB15T2B	\$6,610	DS-VFM	22.8	285	92.4	37/18.4	08
20	1800 (3600)	230/460	256T	VB20T2B	\$7,069	DS-VFM	25.6	349	93.0	47/23.7	08
25	1800 (2700)	230/460	284T	VB25T2B	\$8,211	DS-VFM	31.4	370	93.0	59/29.4	08
30	1800 (2700)	230/460	286T	VB30T2B	\$8,991	DS-VFM	32.9	400	93.6	69/34	08
40	1800 (2700)	230/460	324T	VB40T2B	\$10,012	DS-VFM	35.8	590	93.6	92/46	08
50	1800 (2700)	230/460	326T	VB50T2B	\$11,415	DS-VFM	35.8	665	94.1	113/56	08
60	1800 (2700)	230/460	364T	VB60T2B	\$14,586	DS-VFM	38.3	865	94.5	138/69	08
75	1800 (2700)	230/460	365T	VB75T2B	\$17,654	DS-VFM	39.3	890	95.0	168/84	08

Note 07 115 Blower Voltage
 Note 08 230/460 Blower Voltage

Note 28 TENV Enclosure

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VARIABLE FREQUENCY