

Definite Purpose Three Phase Totally Enclosed Blower Cooled (TEBC) Open Loop Vector Duty 36-1800 RPM (2-60 Hz) Speed Range Constant Torque



CTBI

APPLICATIONS:

For conveyors, presses, hoists or other inverter powered applications having constant torque requirements.

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
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- 40°C Ambient, NEMA[®] Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Bearings 250 Frame & Up, Lifting Provisions 180 Frame & Up
- Double Shielded Bearings 140-360
- Double Dip & Bake With Extra Bracing
- Constant Speed Blower: 115V (140-180 Frame), 230/460V (210-360 Frame)
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Constant HP To 90 Hz, Cast Iron Inner Bearing Caps (180 Frame & Up)
- C-Face, Footed 1-5 HP
- Conversion Kits: Cast Iron Conduit Box, C&D Flanges, See Pages 260-264
- For VFD Guidelines, See Page vii.

Footed

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800 (3600)	230/460	143TC	B1T2BC	\$1,698	DS-VFM	65	85.5	2.9/1.5	07
1-1/2	1800 (3600)	230/460	145TC	B32T2BC	\$1,785	DS-VFM	70	85.5	4.4/2.2	07
2	1800 (3600)	230/460	145TC	B2T2BC	\$1,860	DS-VFM	70	85.5	5.6/2.8	07
3	1800 (3600)	230/460	182TC	B3T2BC	\$2,321	DS-VFM	100	89.5	7.9/4.0	07
5	1800 (3600)	230/460	184TC	B5T2BC	\$2,478	DS-VFM	110	89.5	12.6/6.3	07
7-1/2	1800 (3600)	230/460	213T	B7T2B	\$2,421	DS-VFM	160	91.7	18.3/9.1	08
10	1800 (3600)	230/460	215T	B10T2B	\$3,620	DS-VFM	175	91.7	23.7/11.8	08
15	1800 (3600)	230/460	254T	B15T2B	\$4,633	DS-VFM	300	92.4	37.0/18.4	08
20	1800 (3600)	230/460	256T	B20T2B	\$5,092	DS-VFM	360	93.0	47/23.7	08
25	1800 (2700)	230/460	284T	B25T2B	\$3,804	DS-VFM	350	93.6	58/29.2	08
30	1800 (2700)	230/460	286T	B30T2B	\$7,014	DS-VFM	440	93.6	69/34	08
40	1800 (2700)	230/460	324T	B40T2B	\$8,035	DS-VFM	600	93.6	92/46	08
50	1800 (2700)	230/460	326T	B50T2B	\$9,437	DS-VFM	610	94.1	113/56	08
60	1800 (2700)	230/460	364T	B60T2B	\$12,610	DS-VFM	825	94.5	138/69	08
75	1800 (2700)	230/460	365T	B75T2B	\$15,676	DS-VFM	910	95.0	168/84	08

Note 07 115 Blower Voltage

Note 08 230/460 Blower Voltage

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