

Definite Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) UNIMOUNT[®], Inverter Duty 20:1 (3-60 Hertz) Speed Range Variable Torque, 5:1 (12-60 Hertz) Speed Range Constant Torque



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APPLICATIONS:

For use on pumps, fans, blowers or other variable torque applications. Constant torque applications requiring 5:1 or less speed range and applications requiring a drive bypass.

FEATURES:

- INVERTER GRADE[®] Insulation System (Meets NEMA[®] MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Extruded Aluminum Frame (140: Rolled Steel)
- Aluminum End Shields With Steel Bearing Inserts
- 40°C Ambient, NEMA[®] Design B Performance On 60 Hertz Sine Wave Power
- Removable Base 180 Frame & Larger
- Lifting Provisions 180 Frame & Larger
- Regreasable Shaft-End Bearing 180 Frame & Larger
- Sealed Bearings 56-140, Double Shielded Bearings 180-280
- Double Dip & Bake With Extra Bracing
- Premium Efficient Design, Special Balance, F1 Assembly Position
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Constant Horsepower To 90 Hertz
- Precision Balance (< 0.08 In/Sec Vibration)
- C-Face Footed 1-5 HP
- Brake Kits Available 56-210 Frame
- Shaft Grounding Ring 140-250 Frame (Updating models to include Grounding Ring, confirm availability at time of order)

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1/3	1800(3600)	230/460	56C	U13T2BCR	DS-VST	10.8	22	75.5	1.6/0.8	FTLS
1/2	1800(3600)	208-230/460	56C	UN12V2AC	DS-VST	8.8	26	84.0	2.0-2.1/1.1	28
	1800(3600)	230/460	56C	U12T2BCR	DS-VST	10.8	78	78.5	2.3/1.1	FTLS
	1200(2400)	208-230/460	56C	UN12V3BC	DS-VST	10.3	33	-	2.3-2.4/1.2	28
3/4	1800(3600)	208-230/460	56C	UN34V2AC	DS-VST	10.3	26	-	2.8-2.7/1.3	
	1800(3600)	230/460	56C	U34T2BCR	DS-VST	12.1	32	82.5	2.7/1.3	FTLS
	1200(2400)	208-230/460	56C	UN34V3BC	DS-VST	13.6	32	-	3.1-3.0/1.5	28
1	1800(3600)	208-230/460	56C	UN1V2AFC	DS-VST	11.8	37	85.5	3.5-3.4/1.7	28
	1800(3600)	230/460	143TC	U1V2BC	DS-VST	13.1	45	85.5	3.0/1.5	SGR
	1200(2400)	230/460	145TC	U1V3BC	DS-VST	13.1	42	82.5	3.7/1.8	SGR
1 1/2	3600(7200)	230/460	143TC	U32V1BC	DS-VST	13.1	37	84.0	3.9/1.9	SGR
	1800(3600)	208-230/460	56C	T32V2BFC	DS-VST	13.4	34	76.0	5.1-5.0/2.5	
	1800(3600)	230/460	145TC	U32V2BC	DS-VST	13.1	42	86.5	4.1/2.1	SGR
	1200(2400)	230/460	182TC	U32V3BC	DS-VST	16.2	60	87.5	4.5/2.2	SGR
2	3600(7200)	230/460	145TC	U2V1BC	DS-VST	13.1	40	85.5	5/2.5	SGR
	1800(3600)	230/460	145TC	U2V2BC	DS-VST	13.1	55	86.5	5.3/2.7	SGR
	1200(2400)	230/460	184TC	U2V3BC	DS-VST	16.9	70	88.5	6.2/3.1	SGR
3	3600(7200)	230/460	182TC	U3V1BC	DS-VST	16.2	60	86.5	8.2/4.1	SGR
	1800(3600)	230/460	182TC	U3V2BC	DS-VST	16.2	75	89.5	7.8/3.9	SGR
	1200(2400)	230/460	213TC	U3V3BC	DS-VST	18.8	115	89.5	8.6/4.3	SGR
5	3600(7200)	230/460	184TC	U5V1BC	DS-VST	16.2	75	88.5	12.3/6.1	SGR
	1800(3600)	230/460	184TC	U5V2BC	DS-VST	16.9	80	89.5	12.7/6.3	SGR
	1200(2400)	230/460	215TC	U5V3BC	DS-VST	20.3	145	89.5	14.2/7.1	SGR
7 1/2	3600(7200)	230/460	213T	U7V1B	DS-VST	18.6	105	89.5	17.9/9	SGR
	1800(3600)	230/460	213T	U7V2B	DS-VST	18.6	115	91.7	19.3/9.6	SGR
	1200(2400)	230/460	254T	U7V3B	DS-VST	23.9	212	91.0	18.6/9.3	SGR
10	3600(7200)	230/460	215T	U10V1B	DS-VST	20.1	125	90.2	23.5/11.8	SGR
	1800(3600)	230/460	215T	U10V2B	DS-VST	20.1	140	91.7	25.7/12.8	SGR
15	3600(7200)	230/460	254T	U15V1B	DS-VST	23.9	202	90.2	35/17.7	SGR
	1800(3600)	230/460	254T	U15V2B	DS-VST	23.9	180	92.4	37/18.4	SGR
20	3600(7200)	230/460	256T	U20V1B	DS-VST	25.6	222	90.2	47/23.4	SGR
	1800(3600)	230/460	256T	U20V2B	DS-VST	25.6	262	93.0	47/23.7	SGR

Note 28 TENV Enclosure
Note FTLS Footless

Note SGR Shaft Grounding Ring