

Definite Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount[®], Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque



UT1

APPLICATIONS:

For pumps, fans, blowers or other inverter powered applications.

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
- 56/140 Frame Shielded Bearings, Double Shielded Bearings
- 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 Hz
- Conversion Kits: C&D Flanges, Drip Cover, Brakes (56-210), See Pages 260-266
- For VFD Guidelines, Refer to Page vii

5:1 (12-60 Hz) Speed Range Constant Torque

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1/3	1800 (3600)	208-230/460	56C	UN13V2BC	\$475	DS-VFM	8.8	19	-	1.4-1.4/0.71	28
	1800 (3600)	230/460	56C	U13T2BCR	\$659	DS-VFM	10.8	22	-	1.6/0.8	FTLS
1/2	1800 (3600)	208-230/460	56C	UN12V2AC	\$552	DS-VFM	8.8	21	-	2.0-2.1/1.1	28
	1800 (3600)	230/460	56C	U12T2BCR	\$746	DS-VFM	10.8	25	-	2.3/1.1	FTLS
	1200 (2400)	208-230/460	56C	UN12V3BC	\$692	DS-VFM	10.3	26	-	2.3-2.4/1.2	28
3/4	1800 (3600)	208-230/460	56C	UN34V2AC	\$649	DS-VFM	8.8	26	-	2.8-2.7/1.3	28
	1800 (3600)	230/460	56C	U34T2BCR	\$823	DS-VFM	12.1	29	-	2.7/1.3	FTLS
	1200 (2400)	208-230/460	56C	UN34V3BC	\$815	DS-VFM	11.3	30	-	3.1-3.0/1.5	28
1	1800 (3600)	230/460	143TC	U1V2BC	\$738	DS-VFM	13.1	35	85.5	2.9/1.5	
	1800 (3600)	208-230/460	56C	UN1V2AFC	\$713	DS-VFM	11.8	28	-	3.5-3.4/1.7	28
	1200 (2400)	230/460	145TC	U1V3BC	\$923	DS-VFM	13.1	40	81.5	3.7/1.9	
1-1/2	3600 (7200)	230/460	143TC	U32V1BC	\$759	DS-VFM	13.1	35	84.0	3.9/1.9	
	1800 (3600)	230/460	145TC	U32V2BC	\$816	DS-VFM	13.1	40	85.5	4.2/2.1	
	1800 (3600)	208-230/460	56C	T32V2BFC	\$798	DS-VFM	12.8	34	-	5.1-5.0/2.5	
	1200 (2400)	230/460	182TC	U32V3BC	\$965	DS-VFM	16.1	60	87.5	4.6/2.3	
2	3600 (7200)	230/460	145TC	U2V1BC	\$882	DS-VFM	13.1	40	86.5	4.9/2.4	
	1800 (3600)	230/460	145TC	U2V2BC	\$882	DS-VFM	13.1	45	85.5	5.5/2.8	
	1200 (2400)	230/460	184TC	U2V3BC	\$1,072	DS-VFM	16.9	70	87.5	6/3	
3	3600 (7200)	230/460	182TC	U3V1BC	\$1,018	DS-VFM	16.1	60	87.5	7.8/3.9	
	1800 (3600)	230/460	182TC	U3V2BC	\$1,001	DS-VFM	16.1	60	88.5	8.2/4.1	
	1200 (2400)	230/460	213TC	U3V3BC	\$1,414	DS-VFM	18.6	110	90.2	8.7/4.4	
5	3600 (7200)	230/460	184TC	U5V1BC	\$1,260	DS-VFM	16.9	75	88.5	12.1/6.1	
	1800 (3600)	230/460	184TC	U5V2BC	\$1,142	DS-VFM	16.9	80	90.2	12.3/6.2	
	1200 (2400)	230/460	215TC	U5V3BC	\$2,078	DS-VFM	20.1	140	90.2	14/7	
7-1/2	3600 (7200)	230/460	213T	U7V1B	\$1,634	DS-VFM	18.6	100	91.0	17.8/8.9	
	1800 (3600)	230/460	213T	U7V2B	\$1,634	DS-VFM	18.6	110	91.0	18.3/9.2	
	1200 (2400)	230/460	254T	U7V3B	\$2,781	DS-VFM	23.9	200	91.0	18.6/9.3	
10	3600 (7200)	230/460	215T	U10V1B	\$1,927	DS-VFM	20.1	120	91.0	23.5/11.8	
	1800 (3600)	230/460	215T	U10V2B	\$1,972	DS-VFM	20.1	135	91.7	23.8/11.9	
	1200 (2400)	230/460	256T	U10V3B	\$3,268	DS-VFM	25.6	250	91.7	24.5/12.3	
15	3600 (7200)	230/460	254T	U15V1B	\$2,622	DS-VFM	23.9	190	90.2	35/17.7	
	1800 (3600)	230/460	254T	U15V2B	\$2,737	DS-VFM	23.9	240	92.4	37/18.4	
20	3600 (7200)	230/460	256T	U20V1B	\$3,137	DS-VFM	25.6	210	90.2	47/23.4	
	1800 (3600)	230/460	256T	U20V2B	\$3,150	DS-VFM	25.6	250	93.0	47/23.7	

Note 28 TENV Enclosure

Note FTLS Footless

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