

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient, C Face Footed



UT, FUT

APPLICATIONS:

Designed for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Aluminum Frame (180-280), Rolled Steel (56-140)
- CE Mark On Nameplate(140 Frame & Larger)
- Shaft Slinger on Pulley End
- Full 50 & 60 Hertz Operating Data on Nameplate (3)
- 40°C Ambient, NEMA® Design B Performance(4)
- Regreasable Shaft-End Bearings 180 Frame & Up
- Sealed Bearings 56-140 Frame, Double Shielded 180-280 Frame
- Suitable For Wye-Delta Start 250 Frame & Larger
- Dual Voltage Ratings Suitable For Part Winding Start (PWS) On Low Voltage
- Conversion Kits: Canopy Kits, Brakes (56-210 Frame)
- Full HP @ 50 Hz
- Lifting Provisions 180 Frame & Up

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1/4	1800	208-230/460	56C	U14S2AC	\$208	DS-3F	1.25	10.8	20	-	1.3-1.4/0.7	26
	1800	575	56C	U14S2GC	\$208	DS-3F	1.25	10.8	20	-	0.4	26
	1200	208-230/460	56C	U14S3AC	\$293	DS-3F	1.25	10.8	22	-	1.1-1.2/0.6	26
1/3	1800	208-230/460	56C	U13S2AC	\$233	DS-3F	1.25	10.8	20	-	1.5-1.5/0.8	26
	1800	575	56C	U13S2GC	\$233	DS-3F	1.25	10.8	22	-	0.5	26
	1200	208-230/460	56C	U13S3AC	\$310	DS-3F	1.25	10.8	23	-	1.3-1.3/0.6	26
1/2	3600	208-230/460	56C	U12S1AC	\$199	DS-3F	1.25	10.8	23	-	1.7-1.6/0.8	26
	1800	208-230/460	56C	U12S2AC	\$259	DS-3F	1.25	10.8	24	-	1.8-1.8/0.9	26
	1800	575	56C	U12S2GC	\$261	DS-3F	1.25	10.8	24	-	0.7	26
	1200	208-230/460	56C	U12S3AC	\$339	DS-3F	1.25	11.5	25	-	2.1-2.0/1.0	26
3/4	3600	208-230/460	56C	U34S1AC	\$237	DS-3F	1.25	10.8	24	-	2.5-2.2/1.1	26
	1800	208-230/460	56C	U34S2AC	\$286	DS-3F	1.25	10.8	25	-	2.7-2.7/1.4	26
	1800	575	56C	U34S2GC	\$288	DS-3F	1.25	10.8	25	-	1.1	26
	1200	208-230/460	143TC	U34S3DC	\$310	DS-3FTE	1.25	12.1	35	72	3.1-3.1/1.6	-
	1200	208-230/460	56C	U34S3AC	\$350	DS-3F	1.25	10.8	25	-	3.1-3.2/1.6	26
1	3600	208-230/460	56C	U1S1AC	\$267	DS-3F	1.25	10.8	25	-	3.2-2.9/1.5	26
	1800	200	143TC	U1E2HC	\$312	DS-3FTE	1.25	12.1	35	82.5	3.4	-
	1800	200	143TC	U1S2HC	\$260	DS-3FTE	1.25	12.1	35	78.5	3.9	-
	1800	208-230/460	143TC	U1E2DC	\$312	DS-3FTE	1.25	12.1	35	82.5	3.1-3/1.5	-
	1800	575	143TC	U1E2GC	\$312	DS-3FTE	1.25	12.1	35	82.5	1.2	-
	1800	208-230/460	56C	U1S2AFC	\$295	DS-3F	1.25	12.1	42	-	3.4-3.4/1.7	26
	1800	575	56C	U1S2GFC	\$295	DS-3F	1.25	12.1	28	-	1.4	26
	1200	200	145TC	U1E3HC	\$455	DS-3FTE	1.25	13.1	40	80	4.2	-
	1200	208-230/460	145TC	U1E3DC	\$455	DS-3FTE	1.25	13.1	40	80	3.7-3.5/1.8	-
	1200	575	145TC	U1E3GC	\$455	DS-3FTE	1.25	13.1	40	80	1.5	-
	1200	208-230/460	56C	U1S3DFC	\$375	DS-3F	1.25	12.1	30	-	3.8-4/2	26
	1-1/2	3600	200	143TC	U32E1HC	\$378	DS-3FTE	1.25	12.1	35	82.5	4.5
3600		208-230/460	143TC	U32E1DC	\$378	DS-3FTE	1.25	12.1	35	82.5	4.2-4/2	-
3600		575	143TC	U32E1GC	\$378	DS-3FTE	1.25	12.1	35	82.5	1.6	-
3600		208-230/460	56C	U32S1AFC	\$322	DS-3F	1.25	12.1	30	-	4.6-4/2	26
1800		200	145TC	U32E2HC	\$346	DS-3FTE	1.25	13.1	40	84	5	-
1800		200	145TC	U32S2HC	\$289	DS-3FTE	1.25	12.1	40	80	5.5	-
1800		208-230/460	145TC	U32E2DC	\$346	DS-3FTE	1.25	13.1	40	84	4.6-4.4/2.2	-

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate
 Note 04 On 60 Hertz Sine Wave power

Note 26 Does not include World Motor® features

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient, C Face Footed



FUT

APPLICATIONS:

Designed for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1-1/2	1800	575	145TC	U32E2GC	\$346	DS-3FTE	1.25	13.1	40	84	1.8	-
	1800	208-230/460	56C	U32S2AFC	\$324	DS-3F	1.25	12.1	30	-	4.7-4.7/2.3	26
	1800	575	56C	U32S2GFC	\$324	DS-3F	1.25	12.1	30	-	1.9	26
	1200	208-230/460	182TC	U32E3DC	\$605	DS-3FTE	1.25	16.1	50	85.5	5.5-5.4/2.7	-
	1200	575	182TC	U32E3GC	\$605	DS-3FTE	1.25	16.1	50	85.5	2.1	-
2	3600	200	145TC	U2E1HC	\$435	DS-3FTE	1.25	13.1	35	84	5.8	-
	3600	208-230/460	145TC	U2E1DC	\$435	DS-3FTE	1.25	13.1	35	84	5.6-5/2.5	-
	3600	575	145TC	U2E1GC	\$435	DS-3FTE	1.25	13.1	35	84	2	-
	3600	208-230/460	56C	U2S1AFC	\$375	DS-3F	1.25	12.1	29	-	5.9-5.3/2.6	26
	1800	200	145TC	U2E2HC	\$381	DS-3FTE	1.25	13.1	35	84	6.8	-
	1800	208-230/460	145TC	U2E2DC	\$381	DS-3FTE	1.25	13.1	35	84	5.9-5.9/3	-
	1800	575	145TC	U2E2GC	\$381	DS-3FTE	1.25	13.1	35	84	2.4	-
	1800	575	56C	U2S2GFC	\$340	DS-3F	1.25	12.5	30	-	2.5	26
	1800	208-230/460	56C	U2S2AFC	\$340	DS-3F	1.25	12.1	30	-	6.3-6.3/3.2	26
	1200	208-230/460	184TC	U2E3DC	\$644	DS-3FTE	1.25	16.9	65	86.5	7-6.8/3.4	-
	1200	575	184TC	U2E3GC	\$644	DS-3FTE	1.25	16.9	65	86.5	2.8	-
	3	3600	208-230/460	145TC	U3E1A14C	\$525	DS-3F	1.25	13.4	47	86	8.5-7.3/3.6
3600		208-230/460	182TC	U3E1DC	\$609	DS-3FTE	1.25	16.1	50	85.5	8.7-8/4	-
3600		575	182TC	U3E1GC	\$609	DS-3FTE	1.25	16.1	50	85.5	3.2	-
3600		200	182TCH	U3E1HK	\$609	DS-3FTE	1.25	16.1	50	85.5	9.2	-
3600		208-230/460	182TCH	U3E1DK	\$609	DS-3FTE	1.25	16.1	50	85.5	8.7-8/4	-
3600		575	182TCH	U3E1GK	\$609	DS-3FTE	1.25	16.1	50	85.5	3.2	-
3600		208-230/460	56C	U3S1AFC	\$431	DS-3F	1.25	10.8	42	-	8.5-7.5/3.8	26
1800		208-230/460	182TC	U3E2DC	\$470	DS-3FTE	1.25	16.1	60	87.5	8.6-8.1/4.1	-
1800		575	182TC	U3E2GC	\$470	DS-3FTE	1.25	16.1	60	87.5	3.2	-
1800		200	182TCH	U3E2HK	\$470	DS-3FTE	1.25	16.1	60	87.5	9.1	-
1800		208-230/460	182TCH	U3E2DK	\$470	DS-3FTE	1.25	16.1	60	87.5	8.4-8/4	-
1800		575	182TCH	U3E2GK	\$470	DS-3FTE	1.25	16.1	60	87.5	3.2	-
1200		208-230/460	213TC	U3E3DC	\$822	DS-3FTE	1.25	18.6	90	87.5	9.7-9.1/4.5	-
1200		575	213TC	U3E3GC	\$822	DS-3FTE	1.25	18.6	90	87.5	3.6	-
5		3600	208-230/460	184TC	U5E1DC	\$682	DS-3FTE	1.25	16.9	70	87.5	13.8-12.3/6.1
	3600	575	184TC	U5E1GC	\$682	DS-3FTE	1.25	16.9	70	87.5	4.9	-
	3600	200	184TCH	U5E1HK	\$682	DS-3FTE	1.25	16.9	70	87.5	14.2	-
	3600	208-230/460	184TCH	U5E1DK	\$682	DS-3FTE	1.25	16.9	70	87.5	13.8-12.3/6.1	-
	3600	575	184TCH	U5E1GK	\$682	DS-3FTE	1.25	16.9	70	87.5	4.9	-
	1800	208-230/460	184TC	U5E2DC	\$536	DS-3FTE	1.15	16.9	70	87.5	14.1-13/6.5	-
	1800	575	184TC	U5E2GC	\$536	DS-3FTE	1.25	16.9	70	87.5	5.1	-
	1800	200	184TCH	U5E2HK	\$536	DS-3FTE	1.25	16.9	70	87.5	14.6	-
	1800	208-230/460	184TCH	U5E2EK	\$536	DS-3FTE	1.25	16.9	70	87.5	14-12.7/6.3	-
	1800	575	184TCH	U5E2GK	\$536	DS-3FTE	1.25	16.9	70	87.5	5.1	-
	1200	208-230/460	215TC	U5E3DC	\$948	DS-3FTE	1.25	20.1	140	87.5	15.6-14.5/7.3	-
	1200	575	215TC	U5E3GC	\$948	DS-3FTE	1.25	20.1	140	87.5	5.8	-

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

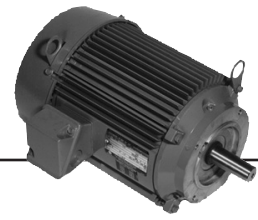
Note 04 On 60 Hertz Sine Wave power

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GEN. PURPOSE SINGLE PHASE
GEN. PURPOSE THREE PHASE
SEVERE DUTY
HAZARDOUS LOCATION
C-FACE SINGLE & THREE PHASE
MULTI-SPEED THREE PHASE
INVERTER DUTY
VECTOR DUTY
DRIVES
BRAKE MOTORS
U FRAME MOTORS
DIRECT CURRENT (DC)

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient, C Face Footed



FUT

APPLICATIONS:

Designed for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
7-1/2	3600	208-230/460	213TC	U7E1DC	\$1,020	DS-3FTE	1.25	18.6	100	88.5	20.4-18.4/9.2	-
	3600	575	213TC	U7E1GC	\$1,020	DS-3FTE	1.25	18.6	100	88.5	7.4	-
	1800	208-230/460	213TC	U7E2DC	\$772	DS-3FTE	1.25	18.6	120	89.5	20.8-18.9/9.4	-
	1800	575	213TC	U7E2GC	\$772	DS-3FTE	1.25	18.6	110	89.5	7.5	-
	1200	208-230/460	254TC	U7E3DC	\$1,347	DS-3FTE	1.25	23.9	200	89.5	20.8-18.8/9.4	-
	1200	575	254TC	U7E3GC	\$1,347	DS-3FTE	1.25	23.9	200	89.5	7.5	-
10	3600	208-230/460	215TC	U10E1DC	\$1,048	DS-3FTE	1.25	20.1	110	89.5	26.7-23.8/11.9	-
	3600	575	215TC	U10E1GC	\$1,048	DS-3FTE	1.25	20.1	110	89.5	9.4	-
	1800	208-230/460	215TC	U10E2DC	\$914	DS-3FTE	1.25	20.1	120	89.5	27.5-24.8/12.4	-
	1800	575	215TC	U10E2GC	\$914	DS-3FTE	1.25	20.1	120	89.5	9.9	-
	1200	208-230/460	256TC	U10E3DC	\$1,533	DS-3FTE	1.25	25.7	230	89.5	27.5-25/12.5	-
	1200	575	256TC	U10E3GC	\$1,533	DS-3FTE	1.25	25.7	230	89.5	10	-
15	3600	190/380	215TC	U15E1DFC	\$1,578	DS-3FTE	1.25	21.5	120	90.2	40-35/17.7	-
	3600	208-230/460	254TC	U15E1DC	\$1,578	DS-3FTE	1.15	23.9	210	90.2	40-35/17.6	-
	3600	575	254TC	U15E1GC	\$1,578	DS-3FTE	1.25	23.9	210	90.2	14.1	-
	1800	208-230/460	254TC	U15E2DC	\$1,243	DS-3FTE	1.25	23.9	220	91	41-38/18.9	-
	1800	575	254TC	U15E2GC	\$1,243	DS-3FTE	1.25	23.9	220	91	14.7	-
20	3600	208-230/460	256TC	U20E1DC	\$1,688	DS-3FTE	1.25	25.7	230	90.2	53-47/23.4	-
	3600	575	256TC	U20E1GC	\$1,688	DS-3FTE	1.25	25.7	230	90.2	18.7	-
	1800	208-230/460	256TC	U20E2DC	\$1,498	DS-3FTE	1.25	25.7	220	91	55-51/25.7	-
	1800	575	256TC	U20E2GC	\$1,498	DS-3FTE	1.25	25.7	250	91	19.5	-
25	3600	208-230/460	284TC	U25E1DC	\$2,116	DS-3FTE	1.25	28.3	250	91.7	56	-
	3600	575	284TC	U25E1GC	\$2,116	DS-3FTE	1.25	28.3	250	91	22.9	-
	1800	208-230/460	284TC	U25E2DC	\$1,769	DS-3FTE	1.25	28.3	290	92.4	66-59/29.5	-
	1800	575	284TC	U25E2GC	\$1,769	DS-3FTE	1.25	28.3	290	92.4	23.6	-
30	1800	208-230/460	286TC	U30E2DC	\$2,090	DS-3FTE	1.25	28.3	325	92.4	80-72/36	-
	1800	575	286TC	U30E2GC	\$2,090	DS-3FTE	1.25	28.3	325	92.4	28.6	-

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate
 Note 04 On 60 Hertz Sine Wave power

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