

# Special Application Commercial Pump Three Phase Totally Enclosed Fan Cooled (TEFC) C-Face



## APPLICATIONS:

For use on chiller, condensate, and other HVAC duty pumps, booster and irrigation pumps, dishwasher and part washer pumps, watering and de-watering pumps, and other commercial duty pumping applications.

## FEATURES:

- Totally Enclosed, 50 Hz Motors supplied with CE Markings
- Double sealed ball bearings on all 56-Frame commercial duty pump motors.  
Double shielded ball bearings on all other motors.
- Continuous Duty
- 60 Hertz & 60/50 Hertz
- 50/60 Hz Motors have 1.0 S.F. on 50 Hz
- 40°C Ambient
- NEMA<sup>®</sup> "C" Flange Mounting
- Premium 303 Stainless Steel on 56J Mount, Carbon Steel on All Others
- Shaft Threads for 56J Mount: 7/16-20 UNC-2A

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	Base (Feet)	SF	"C" Dim (in.)	Ship Wt. (lbs.)	Full Load Eff.	Max. Amps	Notes	
1/4	1800	575	56C	U14S2GC	\$324	DS-3F	Rigid	1.25	10.8	20	-	0.4	26	
	1800	208-230/460	56C	U14S2AC	\$324	DS-3F	Rigid	1.25	10.8	20	-	1.3-1.4/0.7	26	
	1800	208-230/460	56C	U14S2ACR	\$320	DS-3F	No	1.25	10.8	20	-	1-1/0.5	16	
1/3	1800	575	56C	U13S2GC	\$362	DS-3F	Rigid	1.25	10.8	22	-	0.5	26	
	1800	208-230/460	56C	U13S2AC	\$362	DS-3F	Rigid	1.25	10.8	20	-	1.5-1.5/0.8	26	
	1800	208-230/460	42CZ	T13S2D42ZCR	\$358	DS-3F	No	1.00	11.6	19	65.0	1.5-1.5/0.75	26, 98	
	1800	208-230/460	56C	U13S2ACR	\$359	DS-3F	No	1.25	10.8	22	-	1.2-1.2/0.6	16	
	1200	208-230/460	56C	U13S3AC	\$482	DS-3F	Rigid	1.25	10.8	23	-	1.3-1.3/0.6	26	
	1200	208-230/460	56C	T13S3DCR	\$670	DS-3F	No	1.15	11.4	23	77.0	1.6-1.6/0.80	26	
1/2	3600	208-230/460	56C	U12S1AC	\$310	DS-3F	Rigid	1.25	10.8	23	-	1.7-1.6/0.8	26	
	3600	208-230/460	56J	EE283	\$312	DS-3F	No	1.15	11.6	26	-	2.22-2.2/1.1	98	
	3600	208-230/460	56J	EE283B	\$312	DS-3F	Rigid	1.15	11.6	26	-	2.22-2.2/1.1	98	
	3600	208-230/460	56C	T12S1ACR	\$308	DS-3F	No	1.25	11.4	26	64.0	2.18-2.18/1.09	03, 16	
	1800	575	56C	U12S2GC	\$406	DS-3F	Rigid	1.25	10.8	24	-	0.7	03, 26	
	1800	208-230/460	56C	U12S2AC	\$403	DS-3F	Rigid	1.25	10.8	24	-	1.8-1.8/0.9	03, 26	
	1800	575	56C	U12S2GCR	\$403	DS-3F	No	1.25	10.8	24	-	0.7	03, 26	
	1800	208-230/460	56C	U12S2ACR	\$403	DS-3F	No	1.25	10.8	24	-	1.8-1.8/0.9	03, 16	
	1200	208-230/460	56C	U12S3AC	\$527	DS-3F	Rigid	1.25	11.5	25	-	2.1-2.0/1.0	26	
	1200	208-230/460	56C	U12S3ACR	\$524	DS-3F	No	1.25	10.8	25	-	2.1-2.1/1.1	16	
	3/4	3600	208-230/460	56C	U34S1AC	\$369	DS-3F	Rigid	1.25	10.8	24	-	2.5-2.2/1.1	26
		3600	208-230/460	56J	EE515	\$371	DS-3F	No	1.15	11.6	27	-	3.0-2.8/1.4	98
3600		208-230/460	56J	EE515B	\$371	DS-3F	Rigid	1.15	11.6	27	-	3.0-2.8/1.4	98	
3600		208-230/460	56C	U34S1ACR	\$394	DS-3F	No	1.25	10.8	24	-	2.5-2.2/1.1	16	
1800		575	56C	U34S2GC	\$448	DS-3F	Rigid	1.25	10.8	25	-	1.1	26	
1800		208-230/460	56C	U34S2AC	\$445	DS-3F	Rigid	1.25	10.8	25	-	2.7-2.7/1.4	26	
1800		575	56C	U34S2GCR	\$445	DS-3F	No	1.25	10.8	25	-	1.1		
1800		208-230/460	56C	U34S2ACR	\$445	DS-3F	No	1.25	10.8	25	-	2.6-2.7/1.3	03, 16	
1200		208-230/460	143TC	U34S3DC	\$465	DS-3FTE	Rigid	1.25	12.1	35	-	3.1-3.1/1.6		
1200		208-230/460	56C	U34S3AC	\$544	DS-3F	Rigid	1.25	10.8	25	-	3.1-3.2/1.6	26	
1200		208-230/460	56C	U34S3ACR	\$628	DS-3F	No	1.25	12.0	25	78.6	3.1-3.2/1.6	26	
1		3600	208-230/460	56C	U1S1AC	\$415	DS-3F	Rigid	1.25	10.8	25	-	3.2-2.9/1.5	26
	3600	208-230/460	56J	EE516	\$418	DS-3F	No	1.15	11.6	28	-	3.6-3.2/1.6	98	
	3600	208-230/460	56J	EE516B	\$418	DS-3F	Rigid	1.15	11.6	28	-	3.6-3.2/1.6	98	
	3600	575	56J	EE516-5	\$423	DS-3F	Remov.	1.15	11.6	27	-	1.5		
	3600	208-230/460	56C	U1S1ACR	\$412	DS-3F	No	1.25	10.8	25	-	3.2-2.9/1.5	16	
	1800	200	143TC	U1E2HC	\$468	DS-3FTE	Rigid	1.25	12.1	35	78.5	3.4		

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

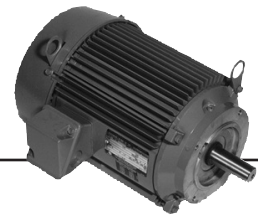
Note 26 Does not include World Motor<sup>®</sup> features  
Note 98 50/60 Hz Motor

Note 16 Motors marked 208-230/460 volts may not meet all NEMA<sup>®</sup> (MG-1) performance standards when operated at 208 volts

† All marks shown within this document are properties of their respective owners



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DRIVES  
BRAKE MOTORS  
GENERAL PURPOSE SINGLE PHASE  
HVAC  
WASHDOWN  
AGRICULTURE  
COMMERCIAL PUMP MOTORS  
CLOSE COUPLED PUMP MOTORS  
FIRE PUMP MOTORS  
POOL & SPA MOTORS  
RESIDENTIAL WATER PUMP  
ELEVATOR AND GATE & DOOR

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	Base (Feet)	SF	"C" Dim (in.)	Ship Wt. (lbs.)	Full Load Eff.	Max. Amps	Notes
1	1800	575	143TC	U1E2GC	\$468	DS-3FTE	Rigid	1.25	12.1	35	82.5	1.2	
	1800	575	56C	U1S2GFC	\$459	DS-3F	Rigid	1.25	12.1	28	-	1.4	26
	1800	208-230/460	143TC	U1P2DC	\$686	DS-3XE	Rigid	1.25	12.1	35	85.5	3.1-3/1.5	03
	1800	208-230/460	56C	U1S2AFC	\$459	DS-3F	Rigid	1.25	12.1	42	-	3.4-3.4/1.7	26
	1800	208-230/460	56J	EE684	\$461	DS-3F	Remov.	1.15	12.4	28	-	3.8-3.8/1.9	98
	1800	575	56C	U1S2GFCR	\$456	DS-3F	No	1.25	12.1	28	-	1.4	
	1800	208-230/460	56C	U1S2AFCR	\$456	DS-3F	No	1.25	12.1	28	-	3.3-3.4/1.7	16
	1200	208-230/460	145TC	U1P3DC	\$820	DS-3XE	Rigid	1.25	13.1	40	82.5	3.6-3.5/1.8	03
	1200	208-230/460	56C	U1S3DFC	\$583	DS-3F	Rigid	1.25	12.1	30	-	3.8-4/2	26
1-1/2	3600	208-230/460	143TC	U32P1DC	\$711	DS-3XE	Rigid	1.25	12.1	85	84	4.5-4.3/2.1	03
	3600	208-230/460	56C	U32S1AFC	\$501	DS-3F	Rigid	1.25	12.1	30	-	4.6-4/2	26
	3600	208-230/460	56J	EE661	\$505	DS-3F	No	1.15	11.9	30	-	5.4-5.0/2.5	98
	3600	208-230/460	56J	EE661B	\$505	DS-3F	Rigid	1.15	11.9	30	-	5.4-5.0/2.5	98
	3600	208-230/460	56C	T32S1ACR	\$499	DS-3F	No	1.15	11.4	29	80.0	4.7-4.5/2.2	98
	1800	575	145TC	U32P2GC	\$711	DS-3XE	Rigid	1.25	13.1	40	86.5	1.7	
	1800	575	56C	U32S2GFC	\$504	DS-3F	Rigid	1.25	12.1	30	-	1.9	26
	1800	208-230/460	145TC	U32P2DC	\$711	DS-3XE	Rigid	1.25	13.1	40	86.5	4.5-4.3/2.1	03
	1800	208-230/460	56C	U32S2AFC	\$504	DS-3F	Rigid	1.25	12.1	30	-	4.7-4.7/2.3	26
	1800	208-230/460	56C	U32S2AFCR	\$501	DS-3F	No	1.25	12.1	30	81.5	4.7-4.7/2.3	16
	1200	208-230/460	182TC	U32P3DC	\$969	DS-3XE	Rigid	1.25	16.1	50	87.5	4.8-4.7/2.3	03
	2	3600	575	145TC	U2P1GC	\$874	DS-3XE	Rigid	1.25	13.1	35	85.5	2.0
3600		208-230/460	145TC	U2P1DC	\$874	DS-3XE	Rigid	1.25	13.1	35	85.5	5.4-4.9/2.5	03
3600		208-230/460	56C	U2S1AFC	\$583	DS-3F	Rigid	1.25	12.1	29	-	5.9-5.3/2.6	26
3600		208-230/460	56J	EE706	\$585	DS-3F	No	1.15	12.4	32	-	6.9-6.4/3.2	98
3600		208-230/460	56J	EE706B	\$585	DS-3F	Rigid	1.15	12.4	32	-	6.9-6.4/3.2	98
3600		575	56J	EE706-5	\$590	DS-3F	Remov.	1.15	12.4	31	-	2.5	
3600		208-230/460	56C	T2S1ACR	\$557	DS-3F	No	1.15	12.4	29	80.0	6.0-5.4/2.7	
1800		575	145TC	U2P2GC	\$738	DS-3XE	Rigid	1.25	13.1	35	86.5	2.3	
1800		575	56C	U2S2GFC	\$529	DS-3F	Rigid	1.25	12.5	30	-	2.5	26
1800		208-230/460	145TC	U2P2DC	\$738	DS-3XE	Rigid	1.25	13.1	45	86.5	5.9-5.7/2.8	03
1800		208-230/460	56C	U2S2AFC	\$529	DS-3F	Rigid	1.25	12.1	30	-	6.3-6.3/3.2	26
1800		208-230/460	56C	U2S2AFCR	\$526	DS-3F	No	1.25	12.1	30	80.0	6.3-6.2/3.1	16
1200		208-230/460	184TC	U2P3DC	\$1,058	DS-3XE	Rigid	1.25	16.9	65	88.5	6.4-6.2/3.1	03
3		3600	208-230/460	145TC	U3P1A14C	\$910	DS-3XE	Rigid	1.25	13.4	47	88.5	--
	3600	208-230/460	182TC	U3P1DC	\$1,060	DS-3XE	Rigid	1.25	16.1	50	88.5	8.4-7.8/3.9	03
	3600	208-230/460	56C	U3S1AFC	\$670	DS-3F	Rigid	1.25	10.8	42	-	8.5-7.5/3.8	26
	3600	208-230/460	56J	EE707	\$674	DS-3F	No	1.15	13.4	40	-	9.6-8.6/4.3	
	3600	208-230/460	56J	EE707B	\$674	DS-3F	Rigid	1.15	13.4	40	-	9.6-8.6/4.3	
	3600	575	56J	EE707-5	\$679	DS-3F	Remov.	1.15	13.4	39	-	3.4	
	3600	208-230/460	56C	T3S1ACR	\$588	DS-3F	No	1.15	13.4	42	-	8.5-7.3/3.6	
	3600	208-230/460	145TC	U3E1A14CR	\$725	DS-3F	No	1.25	13.4	37	86.0	8.5-7.3/3.6	
	3600	208-230/460	182TC	U3E1DCR	\$914	DS-3FTE	No	1.25	16.1	53	85.5	8.7-8/4	03
	3600	208-230/460	182TCH	U3E1DKR	\$914	DS-3FTE	No	1.25	16.1	53	85.5	8.7-8/4	03
	1800	208-230/460	182TC	U3P2DC	\$938	DS-3XE	Rigid	1.25	16.1	70	89.5	8.4-7.8/3.9	03
	1800	208-230/460	182TCH	U3P2DK	\$938	DS-3XE	Rigid	1.25	16.1	60	89.5	8.4-7.8/3.9	03

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 16 Motors marked 208-230/460 volts may not meet all NEMA<sup>®</sup> (MG-1) performance standards when operated at 208 volts

Note 26 Does not include World Motor<sup>®</sup> features  
Note 98 50/60 Hz Motor

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# Special Application Commercial Pump Three Phase Totally Enclosed Fan Cooled (TEFC) C-Face



HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	Base (Feet)	SF	"C" Dim (in.)	Ship Wt. (lbs.)	Full Load Eff.	Max. Amps	Notes
3	1800	208-230/460	182TC	U3E2DCR	\$681	DS-3FTE	No	1.25	16.1	60	87.5	8.4-8/4	03
	1200	208-230/460	213TC	U3P3DC	\$1,589	DS-3XE	Rigid	1.25	18.6	90	89.5	9.3-8.6/4.3	03
	1200	208-230/460	213TC	U3E3DCR	\$1,233	DS-3FTE	No	1.25	18.6	110	87.5	9.7-9.1/4.5	03
5	3600	208-230/460	184TC	U5P1DC	\$1,194	DS-3XE	Rigid	1.25	16.9	70	89.5	13.4-12.2/6.1	03
	3600	208-230/460	184TCH	U5P1DK	\$1,194	DS-3XE	Rigid	1.25	16.9	70	89.5	13.4-12.2/6.1	03
	3600	208-230/460	184TC	U5E1DCR	\$1,023	DS-3FTE	No	1.25	16.9	70	87.5	13.8-12.3/6.1	03
	1800	575	184TC	U5P2GC	\$1,012	DS-3XE	Rigid	1.25	16.9	88	90.2	5.1	
	1800	208-230/460	184TC	U5P2DC	\$1,013	DS-3XE	Rigid	1.25	16.9	88	90.2	13.6-12.3/6.2	03
	1800	575	184TC	U5E2GCR	\$780	DS-3FTE	No	1.25	16.9	70	87.5	5.1	
	1800	208-230/460	184TC	U5E2DCR	\$780	DS-3FTE	No	1.25	16.9	70	87.5	14-12.7/6.3	
	1200	208-230/460	215TC	U5P3DC	\$1,776	DS-3XE	Rigid	1.25	20.1	140	90.2	15.0-14.0/7.0	03
	1200	208-230/460	215TC	U5E3DCR	\$1,422	DS-3FTE	No	1.25	20.1	140	87.5	15.6-14.5/7.3	03
7-1/2	3600	208-230/460	213TC	U7P1DC	\$1,746	DS-3XE	Rigid	1.25	18.6	100	91.7	19.7-17.9/8.9	03
	3600	208-230/460	213TC	U7E1DCR	\$1,530	DS-3FTE	No	1.25	18.6	100	88.5	20.4-18.4/9.2	03
	1800	575	213TC	U7P2GC	\$1,424	DS-3XE	Rigid	1.25	18.6	110	91.7	7.2	
	1800	208-230/460	213TC	U7P2DC	\$1,424	DS-3XE	Rigid	1.25	18.6	120	91.7	20.0-18.2/9.1	03
	1800	208-230/460	213TC	U7E2DCR	\$1,029	DS-3FTE	No	1.15	18.6	110	89.5	20.6-18.8/9.4	03
	1200	208-230/460	254TC	U7E3DCR	\$2,021	DS-3FTE	No	1.25	23.9	200	89.5	20.8-18.8/9.4	02, 03
10	3600	575	215TC	U10P1GC	\$1,766	DS-3XE	Rigid	1.25	20.1	110	91.7	9.4	
	3600	208-230/460	215TC	U10P1DC	\$1,766	DS-3XE	Rigid	1.25	20.1	110	91.7	26.4-23.5/11.8	03
	3600	208-230/460	215TC	U10E1DCR	\$1,572	DS-3FTE	No	1.25	20.1	110	89.5	26.7-23.8/11.9	03
	1800	208-230/460	215TC	U10P2DC	\$1,582	DS-3XE	Rigid	1.25	20.1	120	91.7	26.5-23.9/12.0	03
	1800	208-230/460	215TC	U10E2DCR	\$1,176	DS-3FTE	No	1.25	20.1	120	89.5	27.2-24.6/12.3	03
	1200	208-230/460	256TC	U10P3DC	\$3,127	DS-3XE	Rigid	1.25	25.7	230	91.7	27.1-24.6/12.3	03
	1200	208-230/460	256TC	U10E3DCR	\$2,300	DS-3FTE	No	1.25	25.7	230	89.5	27.5-25/12.5	02, 03
15	3600	575	254TC	U15P1GC	\$2,796	DS-3XE	Rigid	1.25	23.9	210	91	13.9	
	3600	208-230/460	215TC	U15P1DFC	\$2,637	DS-3XE	Rigid	1.25	21.5	125	91	39-35/17.6	
	3600	208-230/460	254TC	U15P1DC	\$2,796	DS-3XE	Rigid	1.15	23.9	210	91	39-35/17.7	03
	3600	575	254TC	U15E1GCR	\$2,367	DS-3FTE	No	1.25	23.9	210	90.2	14	02
	3600	208-230/460	254TC	U15E1DCR	\$2,367	DS-3FTE	No	1.15	23.9	210	90.2	40-35/17.6	02, 03
	1800	208-230/460	254TC	U15P2DC	\$2,294	DS-3XE	Rigid	1.25	23.9	220	92.4	40-37/18.4	03
	1800	575	254TC	U15E2GCR	\$2,054	DS-3FTE	No	1.25	23.9	220	91.0	14.7	02
	1800	208-230/460	254TC	U15E2DCR	\$2,054	DS-3FTE	No	1.25	23.9	220	91.0	41-37/18.5	02, 03
20	3600	208-230/460	256TC	U20P1DC	\$3,046	DS-3XE	Rigid	1.25	25.7	230	91.7	51-46/22.9	03
	3600	208-230/460	256TC	U20E1DCR	\$2,532	DS-3FTE	No	1.25	25.7	230	90.2	53-47/23.4	02, 03
	1800	208-230/460	256TC	U20P2DC	\$2,726	DS-3XE	Rigid	1.25	25.7	250	93.0	53-47/23.7	03
	1800	208-230/460	256TC	U20E2DCR	\$2,247	DS-3FTE	No	1.25	25.7	250	91.0	54-49/24.3	02, 03
25	3600	575	284TC	U25P1GC	\$3,817	DS-3XE	Rigid	1.25	28.3	250	91.7	22.7	
	3600	208-230/460	284TC	U25P1DC	\$3,817	DS-3XE	Rigid	1.25	28.3	250	91.7	65-57/28.4	03
	3600	575	284TC	U25E1GCR	\$3,174	DS-3FTE	No	1.25	28.3	290	91.0	22.9	02
	3600	208-230/460	284TC	U25E1DCR	\$3,174	DS-3FTE	No	1.25	28.3	290	91.0	65-57/28.7	02, 03
	1800	208-230/460	284TC	U25P2DC	\$3,209	DS-3XE	Rigid	1.25	28.3	290	93.6	65-59/29.3	03
30	1800	208-230/460	286TC	U30P2DC	\$3,773	DS-3XE	Rigid	1.25	28.3	325	93.6	78-70/35	03
	1800	208-230/460	286TC	U30E2DCR	\$3,507	DS-3FTE	No	1.25	28.3	320	92.4	80-72/36	02, 03

Note 02 Suitable for Wye-Delta start on voltages shown  
 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 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts

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