

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 PLUS® NEMA®† Premium Efficient



APPLICATIONS:

For constant speed and inverter duty applications in petro-chemical, pulp & paper, automotive, mining and waste treatment industries.

FEATURES:

- INVERTER GRADE® Insulation System (Meets NEMA®† MG-1 Part 31)
- Class F Insulation, Class B Rise At Full Load (Sine Wave Power)
- All Cast Iron Construction (Steel Mounting Base On 140 Frame), IP55 Enclosure
- Corrosion Resistant Mill & Chem Duty Paint (250 Hour Salt Spray Test)
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- 40°C Ambient, NEMA®† Design B Performance (Sine Wave Power)
- VBXX®† Bearing Isolators By Inpro/Seal On Both Ends For IP66 Bearing Protection
- Same Size Regreasable Open Bearings, Brass Breathers/Drains
- Roller Bearing Available As Conversion On 400 Frame & Up
- Cast Iron Inner Bearing Caps (180 Frame & Larger)
- 5 Year Warranty (3 Years on Inverter Power)
- External Grounding Provision, Epoxy Coated Rotor
- 20:1 Variable Torque; 5:1 Constant Torque On Inverter Power
- Precision Balance (< 0.05 In/Sec Vibration)
- 1.15 SF On Sine Wave / 1.0 SF On Inverter Power
- Conversion Kits: C&D Flange, Drip Cover Kit (except 320-360)
- Meets or exceeds IEEE 841 Standard 2009

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1	1800	460	143T	8P1P2C	\$788	DS-841	1.15	13.1	65	85.5	1.5	
	1800	575	143T	8P1P2G	\$788	DS-841	1.15	13.1	65	85.5	1.1	
	1200	460	145T	8P1P3C	\$1,071	DS-841	1.15	13.1	70	81.5	1.8	
	1200	575	145T	8P1P3G	\$1,071	DS-841	1.15	13.1	70	81.5	1.5	
1 1/2	3600	460	143T	8P32P1C	\$878	DS-841	1.15	13.1	65	84.0	1.9	10
	3600	575	143T	8P32P1G	\$878	DS-841	1.15	13.1	65	84.0	1.6	10
	1800	460	145T	8P32P2C	\$844	DS-841	1.25	13.1	70	86.5	2.1	
	1800	575	145T	8P32P2G	\$844	DS-841	1.15	13.1	70	86.5	1.7	
	1200	460	182T	8P32P3C	\$1,148	DS-841	1.15	16.1	96	87.5	2.3	
	1200	575	182T	8P32P3G	\$1,148	DS-841	1.15	16.1	100	87.5	1.8	
2	3600	460	145T	8P2P1C	\$1,026	DS-841	1.15	13.1	70	86.5	2.4	
	3600	575	145T	8P2P1G	\$1,026	DS-841	1.15	13.1	70	86.5	2.0	
	1800	460	145T	8P2P2C	\$910	DS-841	1.15	13.1	70	86.5	2.8	
	1800	575	145T	8P2P2G	\$910	DS-841	1.15	13.1	130	86.5	2.3	
	1200	460	184T	8P2P3C	\$1,257	DS-841	1.15	16.1	109	88.5	3.1	
	1200	575	184T	8P2P3G	\$1,257	DS-841	1.15	16.1	109	88.5	2.5	
3	3600	460	182T	8P3P1C	\$1,099	DS-841	1.15	16.1	96	87.5	3.9	
	3600	575	182T	8P3P1G	\$1,099	DS-841	1.15	16.1	96	88.5	3.1	
	1800	460	182T	8P3P2C	\$971	DS-841	1.15	16.1	96	89.5	3.9	
	1800	575	182T	8P3P2G	\$971	DS-841	1.15	16.1	96	89.5	3.2	
	1200	460	213T	8P3P3C	\$1,483	DS-841	1.15	20.0	164	89.5	4.4	
	1200	575	213T	8P3P3G	\$1,483	DS-841	1.15	20.0	160	89.5	3.5	
5	3600	460	184T	8P5P1C	\$1,367	DS-841	1.15	16.1	100	88.5	6.1	
	3600	575	184T	8P5P1G	\$1,367	DS-841	1.15	16.1	110	88.5	4.9	
	1800	460	184T	8P5P2C	\$1,119	DS-841	1.15	16.1	110	90.2	6.3	
	1800	575	184T	8P5P2G	\$1,119	DS-841	1.15	16.1	110	89.5	5	
	1200	460	215T	8P5P3C	\$2,106	DS-841	1.15	20.0	160	89.5	7	
	1200	575	215T	8P5P3G	\$2,106	DS-841	1.15	20.0	160	89.5	5.6	
7 1/2	3600	460	213T	8P7P1C	\$1,589	DS-841	1.15	20.0	160	89.5	9.3	
	3600	575	213T	8P7P1G	\$1,589	DS-841	1.15	20.0	160	89.5	7.4	
	1800	460	213T	8P7P2C	\$1,437	DS-841	1.15	20.0	160	91.7	9.1	
	1800	575	213T	8P7P2G	\$1,437	DS-841	1.15	20.0	160	91.7	7.5	
	1200	460	254T	8P7P3C	\$2,638	DS-841	1.15	25.0	300	91.0	9.9	
	1200	575	254T	8P7P3G	\$2,638	DS-841	1.15	25.0	300	91.0	7.8	

Note 10 6205/6203 Bearing System

GENERAL PURPOSE UNIMOUNT™
 GENERAL PURPOSE C-FACE
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY™
 GENERAL PURPOSE 841 PLUS®
 GENERAL PURPOSE OPEN DRIPPROOF
 GENERAL PURPOSE HAZARDOUS LOCATION
 GENERAL PURPOSE AUTOMOTIVE DUTY
 COOLING TOWER DUTY
 HAZARDOUS LOCATION
 C-FACE MOTORS
 VARIABLE SPEED MOTORS AND DRIVES

GENERAL PURPOSE
UNIMOUNT®GENERAL PURPOSE
C-FACEGENERAL PURPOSE
HOSTILE DUTYGENERAL PURPOSE
CORRO-DUTYGENERAL PURPOSE
841 PLUS®GENERAL PURPOSE
OPEN DRIPPROOFGENERAL PURPOSE
HAZARDOUS LOCATIONGENERAL PURPOSE
AUTOMOTIVE DUTYCOOLING TOWER
DUTYHAZARDOUS
LOCATIONC-FACE
MOTORSVARIABLE SPEED
MOTORS AND DRIVES

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 PLUS® NEMA®† Premium Efficient




(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
10	3600	460	215T	8P10P1C	\$1,849	DS-841	1.15	20.0	175	91.0	11.8	
	3600	575	215T	8P10P1G	\$1,849	DS-841	1.15	20.0	175	91.7	9.4	
	1800	460	215T	8P10P2C	\$1,724	DS-841	1.15	20.0	175	91.7	12	
	1800	575	215T	8P10P2G	\$1,724	DS-841	1.15	20.0	175	91.7	9.6	
	1200	460	256T	8P10P3C	\$3,164	DS-841	1.15	25.0	340	91.0	12.5	
	1200	575	256T	8P10P3G	\$3,164	DS-841	1.15	25.0	340	91.0	10.1	
15	3600	460	254T	8P15P1C	\$2,565	DS-841	1.15	25.0	300	91.0	17.5	
	3600	575	254T	8P15P1G	\$2,565	DS-841	1.15	25.0	300	91.0	14.3	
	1800	460	254T	8P15P2C	\$2,307	DS-841	1.15	25.0	300	92.4	18.3	
	1800	575	254T	8P15P2G	\$2,307	DS-841	1.15	25.0	300	92.4	14.6	
	1200	460	284T	8P15P3C	\$4,273	DS-841	1.15	27.7	400	91.7	18.6	
	1200	575	284T	8P15P3G	\$4,273	DS-841	1.15	27.7	400	91.7	15	
20	3600	460	256T	8P20P1C	\$3,286	DS-841	1.15	25.0	340	91.0	23.1	
	3600	575	256T	8P20P1G	\$3,286	DS-841	1.15	25.0	340	91.0	18.5	
	1800	460	256T	8P20P2C	\$2,942	DS-841	1.15	25.3	340	93.0	23.5	
	1800	575	256T	8P20P2G	\$2,942	DS-841	1.15	25.3	340	93.0	19	
	1200	460	286T	8P20P3C	\$5,357	DS-841	1.25	27.7	420	91.7	24.4	
	1200	575	286T	8P20P3G	\$5,357	DS-841	1.15	27.7	420	91.7	19.6	
25	3600	460	284TS	8P25P1CS	\$3,707	DS-841	1.15	27.7	380	91.7	29.5	
	3600	575	284TS	8P25P1GS	\$3,707	DS-841	1.15	26.3	380	91.7	23.6	
	1800	460	284T	8P25P2C	\$3,247	DS-841	1.15	27.7	380	93.6	29.5	
	1800	575	284T	8P25P2G	\$3,247	DS-841	1.15	27.7	380	93.6	23.6	
	1200	460	324T	8P25P3C	\$5,863	DS-841	1.15	30.8	600	93.0	29.4	
	1200	575	324T	8P25P3G	\$5,863	DS-841	1.15	30.8	600	93.0	23.5	
30	3600	460	286TS	8P30P1CS	\$4,243	DS-841	1.15	26.3	410	91.7	34	
	3600	575	286TS	8P30P1GS	\$4,243	DS-841	1.15	26.3	410	91.7	27.6	
	1800	460	286T	8P30P2C	\$3,696	DS-841	1.15	27.4	410	93.6	35	
	1800	575	286T	8P30P2G	\$3,696	DS-841	1.15	27.4	410	93.6	27.6	
	1200	460	326T	8P30P3C	\$6,751	DS-841	1.15	30.8	595	93.6	35	
	1200	575	326T	8P30P3G	\$6,751	DS-841	1.15	30.8	595	93.6	28.1	
40	3600	460	324TS	8P40P1CS	\$5,599	DS-841	1.15	29.3	465	92.4	46	
	3600	575	324TS	8P40P1GS	\$5,599	DS-841	1.15	29.3	465	92.4	36	
	1800	460	324T	8P40P2C	\$4,928	DS-841	1.15	30.8	515	94.1	46	
	1800	575	324T	8P40P2G	\$4,928	DS-841	1.15	30.8	515	94.1	37	
	1200	460	364T	8P40P3C	\$9,286	DS-841	1.15	33.2	785	94.1	46	
	1200	575	364T	8P40P3G	\$9,286	DS-841	1.15	33.2	785	94.1	37	
50	3600	460	326TS	8P50P1CS	\$7,203	DS-841	1.15	29.3	555	93.0	56	
	3600	575	326TS	8P50P1GS	\$7,203	DS-841	1.15	29.3	625	93.0	45	
	1800	460	326T	8P50P2C	\$6,050	DS-841	1.15	30.9	595	94.5	56	
	1800	575	326T	8P50P2G	\$6,050	DS-841	1.15	30.9	595	94.5	45	
	1200	460	365T	8P50P3C	\$10,698	DS-841	1.15	33.2	895	94.1	58	
	1200	575	365T	8P50P3G	\$10,698	DS-841	1.15	33.2	895	94.1	46	
60	3600	460	364TS	8P60P1CS	\$9,416	DS-841	1.15	30.9	785	93.6	68	
	3600	575	364TS	8P60P1GS	\$9,416	DS-841	1.15	30.9	785	93.6	54	
	1800	460	364T	8P60P2C	\$8,614	DS-841	1.15	33.2	785	95.0	69	
	1800	460	364TS	8P60P2CS	\$8,614	DS-841	1.15	30.9	785	95.0	69	LA
	1800	575	364T	8P60P2G	\$8,614	DS-841	1.15	33.2	785	95.0	55	
	1200	460	404T	8P60P3C	\$12,342	DS-841	1.15	38.0	1160	94.5	70	
	1200	575	404T	8P60P3G	\$12,342	DS-841	1.15	38.0	1160	94.5	56	

Note LA Limited Availability

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 PLUS® NEMA®† Premium Efficient



CE

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes	
75	3600	460	365TS	8P75P1CS	\$11,597	DS-841	1.15	30.9	895	93.6	83		
	3600	575	365TS	8P75P1GS	\$11,597	DS-841	1.15	30.9	895	93.6	67		
	1800	460	365T	8P75P2C	\$10,739	DS-841	1.15	33.2	895	95.4	84		
	1800	575	365T	8P75P2G	\$10,739	DS-841	1.15	33.2	895	95.4	68		
	1800	575	365T	8P75P2GB	\$10,739	DS-841	1.15	33.2	895	95.4	68	09	
	1200	460	405T	8P75P3C	\$14,263	DS-841	1.15	38.0	1300	94.5	87		
	1200	460	405T	8P75P3CB	\$14,263	DS-841	1.15	38.0	1300	94.5	87	09	
	1200	575	405T	8P75P3G	\$14,263	DS-841	1.15	38.0	1300	94.5	69		
	1200	575	405T	8P75P3GB	\$14,263	DS-841	1.15	38.0	1300	94.5	69	09	
100	3600	460	405TS	8P100P1CS	\$15,763	DS-841	1.15	35.0	1300	94.5	112		
	3600	575	405TS	8P100P1GS	\$15,763	DS-841	1.15	35.0	1300	94.5	90		
	1800	460	405T	8P100P2C	\$13,431	DS-841	1.15	38.0	1300	95.4	113		
	1800	460	405T	8P100P2CB	\$13,431	DS-841	1.15	38.0	1300	95.4	113	09	
	1800	460	405TS	8P100P2CS	\$13,431	DS-841	1.15	35.0	1300	95.4	113		
	1800	575	405T	8P100P2G	\$13,431	DS-841	1.15	38.0	1300	95.4	90		
	1800	575	405T	8P100P2GB	\$13,431	DS-841	1.15	38.0	1300	95.4	90	09	
	1800	575	405TS	8P100P2GS	\$13,431	DS-841	1.15	35.0	1300	95.4	90		
	1200	460	444T	8P100P3C	\$19,820	DS-841	1.15	45.9	1660	95.0	124	11	
	1200	460	444T	8P100P3CB	\$19,820	DS-841	1.15	45.9	1660	95.0	124	09	
	1200	575	444T	8P100P3G	\$19,820	DS-841	1.15	45.9	1660	95.0	99		
	1200	575	444T	8P100P3GB	\$19,820	DS-841	1.15	45.9	1660	95.0	99	09	
125	3600	460	444TS	8P125P1CS	\$19,697	DS-841	1.15	42.0	1660	95.8	142		
	3600	575	444TS	8P125P1GS	\$19,697	DS-841	1.15	42.0	1660	95.8	114		
	1800	460	444T	8P125P2C	\$16,789	DS-841	1.15	45.9	1675	95.4	146	11	
	1800	460	444T	8P125P2CB	\$16,789	DS-841	1.15	45.9	1675	95.4	146	09	
	1800	460	444TS	8P125P2CS	\$16,789	DS-841	1.15	42.0	1675	95.4	146		
	1800	575	444T	8P125P2G	\$16,789	DS-841	1.15	45.9	1675	95.4	116	11	
	1800	575	444T	8P125P2GB	\$16,789	DS-841	1.15	45.9	1675	95.4	116	09	
	1800	575	444TS	8P125P2GS	\$16,789	DS-841	1.15	42.0	1675	95.4	116		
	1200	460	445T	8P125P3C	\$22,767	DS-841	1.15	45.9	1750	95.8	151		
	1200	460	445T	8P125P3CB	\$22,767	DS-841	1.15	45.9	1750	95.4	151	09	
	1200	575	445T	8P125P3G	\$22,767	DS-841	1.15	45.9	1750	95.4	123		
	1200	575	445T	8P125P3GB	\$22,767	DS-841	1.15	45.9	1750	95.4	123	09	
	150	3600	460	445TS	8P150P1CS	\$24,508	DS-841	1.15	41.7	1750	95.8	171	
		3600	575	445TS	8P150P1GS	\$24,508	DS-841	1.15	42.1	1750	95.4	137	
1800		460	445T	8P150P2C	\$20,147	DS-841	1.15	45.9	1780	95.8	171	11	
1800		460	445T	8P150P2CB	\$20,147	DS-841	1.15	45.9	1780	95.8	171	09	
1800		460	445TS	8P150P2CS	\$20,147	DS-841	1.15	42.1	1780	95.8	171		
1800		575	445T	8P150P2G	\$20,147	DS-841	1.15	45.9	1780	95.8	137	11	
1800		575	445T	8P150P2GB	\$20,147	DS-841	1.15	45.9	1780	95.8	137	09	
1200		460	447T	8P150P3C	\$26,437	DS-841	1.15	49.4	2100	95.8	181		
1200		460	447T	8P150P3CB	\$26,437	DS-841	1.15	49.4	2100	95.8	181	09	
1200		575	447T	8P150P3G	\$26,437	DS-841	1.15	49.4	2100	96.2	145	11	
1200		575	447T	8P150P3GB	\$26,437	DS-841	1.15	49.4	2100	95.8	145	09	

Note 09 Cylindrical Roller Bearing
 Note 11 6318/6313 Bearing System

GENERAL PURPOSE UNIMOUNT™
 GENERAL PURPOSE C-FACE
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY
 GENERAL PURPOSE 841 PLUS®
 GENERAL PURPOSE OPEN DRIPPROOF
 GENERAL PURPOSE HAZARDOUS LOCATION
 GENERAL PURPOSE AUTOMOTIVE DUTY
 COOLING TOWER DUTY
 HAZARDOUS LOCATION
 C-FACE MOTORS
 VARIABLE SPEED MOTORS AND DRIVES

GENERAL PURPOSE
UNIMOUNT®GENERAL PURPOSE
C-FACEGENERAL PURPOSE
HOSTILE DUTYGENERAL PURPOSE
CORRO-DUTY™GENERAL PURPOSE
841 PLUS®GENERAL PURPOSE
OPEN DRIPPROOFGENERAL PURPOSE
HAZARDOUS LOCATIONGENERAL PURPOSE
AUTOMOTIVE DUTYCOOLING TOWER
DUTYHAZARDOUS
LOCATIONC-FACE
MOTORSVARIABLE SPEED
MOTORS AND DRIVES

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 PLUS® NEMA®† Premium Efficient

NEMA
Premium


(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
200	3600	460	447TS	8P200P1CS	\$29,692	DS-841	1.15	45.6	2100	96.2	217	
	3600	575	447TS	8P200P1GS	\$29,692	DS-841	1.15	45.6	2100	95.8	173	
	1800	460	447T	8P200P2C	\$23,532	DS-841	1.15	49.4	2120	96.2	224	
	1800	460	447T	8P200P2CB	\$23,532	DS-841	1.15	49.4	2120	96.2	224	09
	1800	460	447TS	8P200P2CS	\$23,532	DS-841	1.15	45.6	2120	96.2	224	
	1800	575	447T	8P200P2G	\$23,532	DS-841	1.15	49.4	2120	96.2	180	11
	1800	575	447T	8P200P2GB	\$23,532	DS-841	1.15	49.4	2120	96.2	180	09
250	3600	460	449TS	8P250P1CS	\$35,160	DS-841	1.15	51.4	2400	95.8	273	12,106,AP
	1800	460	449T	8P250P2C	\$30,248	DS-841	1.15	55.1	2700	96.2	273	106,AP
300	3600	460	449TS	8P300P1CS	\$45,057	DS-841	1.15	51.4	2700	95.8	329	12,106,AP
	1800	460	449T	8P300P2C	\$41,403	DS-841	1.15	55.1	2700	96.2	326	106,AP
350	3600	460	449TS	8P350P1CS	\$53,107	DS-841	1.15	51.4	2800	95.8	374	12,106,AP
	1800	460	449T	8P350P2C	\$49,229	DS-841	1.15	55.1	2400	96.2	378	106,AP
400	3600	460	449TS	8P400P1CS	\$59,265	DS-841	1.15	51.4	2900	95.8	426	12,106,AP
	1800	460	449T	8P400P2C	\$54,834	DS-841	1.15	55.1	2400	96.2	434	12,106,AP
	1800	575	449T	8P400P2G	\$54,834	DS-841	1.15	55.1	2400	96.2	347	12,106,AP

- Note 09 Cylindrical Roller Bearing
 Note 11 6318/6313 Bearing System
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note 106 TITAN® 841 (IEEE 841 Features)
 Note AP No F2 Convertibility