

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 Plus[®] NEMA Premium^{®†} Efficient – IE3



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)
- 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 For IP55 Protection
- Same Size Regreasable Open Bearings, Brass Breathers/Drains
- CARB^{®†} Bearing on 400 Frame & Up
- 5 Year Warranty (3 Years on Inverter Power), See Page ix for Information
- External Grounding Provision, Epoxy Coated Rotor
- 10:1 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
- Internal Bearing Caps 180 Frame & Up
- Conversion Kits: C&D Flange, Drip Cover Kit (except 320-360), See Pages 260-266

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	460	143T	8P1P2C	\$1,234	DS-841	1.15	13.1	65	85.5	1.5	
	1800	575	143T	8P1P2G	\$1,234	DS-841	1.15	13.1	65	86.5	1.1	
	1200	460	145T	8P1P3C	\$1,324	DS-841	1.15	13.1	70	82.5	1.8	
	1200	575	145T	8P1P3G	\$1,324	DS-841	1.15	13.1	70	82.5	1.5	
1-1/2	3600	460	143T	8P32P1C	\$1,065	DS-841	1.15	13.1	65	84.0	1.9	10
	3600	575	143T	8P32P1G	\$1,065	DS-841	1.15	13.1	65	84.0	1.6	10
	1800	460	145T	8P32P2C	\$1,258	DS-841	1.15	13.1	70	86.5	2.1	
	1800	575	145T	8P32P2G	\$1,258	DS-841	1.15	13.1	70	86.5	1.7	
	1200	460	182T	8P32P3C	\$1,526	DS-841	1.15	16.2	96	87.5	2.3	
	1200	575	182T	8P32P3G	\$1,526	DS-841	1.15	16.2	96	87.5	1.8	
2	3600	460	145T	8P2P1C	\$1,252	DS-841	1.15	13.1	70	86.5	2.4	10
	3600	575	145T	8P2P1G	\$1,252	DS-841	1.15	13.1	70	86.5	2.0	10
	1800	460	145T	8P2P2C	\$1,313	DS-841	1.15	13.1	70	86.5	2.8	
	1800	575	145T	8P2P2G	\$1,313	DS-841	1.15	13.1	70	86.5	2.3	
	1200	460	184T	8P2P3C	\$1,692	DS-841	1.15	16.2	109	88.5	3.1	
	1200	575	184T	8P2P3G	\$1,692	DS-841	1.15	16.2	109	88.5	2.5	
3	3600	460	182T	8P3P1C	\$1,582	DS-841	1.15	16.2	96	88.5	3.9	
	3600	575	182T	8P3P1G	\$1,582	DS-841	1.15	16.2	96	88.5	3.1	
	1800	460	182T	8P3P2C	\$1,663	DS-841	1.15	16.2	96	89.5	4.0	
	1800	575	182T	8P3P2G	\$1,663	DS-841	1.15	16.2	96	89.5	3.2	
	1200	460	213T	8P3P3C	\$2,314	DS-841	1.15	19.6	164	89.5	4.4	
	1200	575	213T	8P3P3G	\$2,314	DS-841	1.15	19.6	164	89.5	3.5	
5	3600	460	184T	8P5P1C	\$1,948	DS-841	1.15	16.2	110	88.5	6.1	
	3600	575	184T	8P5P1G	\$1,948	DS-841	1.15	16.2	110	88.5	4.9	
	1800	460	184T	8P5P2C	\$1,693	DS-841	1.15	16.2	110	90.2	6.3	
	1800	575	184T	8P5P2G	\$1,693	DS-841	1.15	16.2	110	89.5	5.0	
	1200	460	215T	8P5P3C	\$2,394	DS-841	1.15	19.6	160	90.2	7.0	
	1200	575	215T	8P5P3G	\$2,394	DS-841	1.15	19.6	160	90.2	5.6	
7-1/2	3600	460	213T	8P7P1C	\$2,547	DS-841	1.15	19.6	160	89.5	9.3	
	3600	575	213T	8P7P1G	\$2,547	DS-841	1.15	19.6	160	89.5	7.4	
	1800	460	213T	8P7P2C	\$2,136	DS-841	1.15	19.6	160	91.7	9.3	
	1800	575	213T	8P7P2G	\$2,136	DS-841	1.15	19.6	160	91.7	7.5	
	1200	460	254T	8P7P3C	\$3,456	DS-841	1.15	25.0	300	91.0	9.9	
	1200	575	254T	8P7P3G	\$3,456	DS-841	1.15	25.0	300	91.0	7.8	

Note 10 6205/6203 Bearing System

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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
COOLING TOWER DUTY
HAZARDOUS LOCATION
C-FACE MOTORS
VARIABLE FREQUENCY

GENERAL PURPOSE
UNIMOUNTGENERAL PURPOSE
HOSTILE DUTYGENERAL PURPOSE
CORRO-DUTYGENERAL PURPOSE
841 PLUSGENERAL PURPOSE
e-LINEGENERAL PURPOSE
OPEN DRI/PROOFGENERAL PURPOSE
HAZARDOUS LOCATIONGENERAL PURPOSE
AUTOMOTIVE DUTYCOOLING TOWER
DUTYHAZARDOUS
LOCATIONC-FACE
MOTORSVARIABLE
FREQUENCY

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 Plus® NEMA Premium^{®†} Efficient – IE3




HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	3600	460	215T	8P10P1C	\$2,708	DS-841	1.15	19.6	185	91.7	11.8	
	3600	575	215T	8P10P1G	\$2,708	DS-841	1.15	19.6	185	91.7	9.4	
	1800	460	215T	8P10P2C	\$2,531	DS-841	1.15	19.6	200	91.7	12	
	1800	575	215T	8P10P2G	\$2,531	DS-841	1.15	19.6	200	91.7	9.6	
	1200	460	256T	8P10P3C	\$4,411	DS-841	1.15	25.0	340	91.0	12.5	
	1200	575	256T	8P10P3G	\$4,411	DS-841	1.15	25.0	340	91.0	10.1	
15	3600	460	254T	8P15P1C	\$3,530	DS-841	1.15	25.0	300	91.0	17.6	
	3600	575	254T	8P15P1G	\$3,530	DS-841	1.15	25.0	300	91.0	14.3	
	1800	460	254T	8P15P2C	\$3,259	DS-841	1.15	25.0	320	93.0	18.3	
	1800	575	254T	8P15P2G	\$3,259	DS-841	1.15	25.0	320	93.0	14.5	
	1200	460	284T	8P15P3C	\$5,098	DS-841	1.15	27.0	400	91.7	18.6	
	1200	575	284T	8P15P3G	\$5,098	DS-841	1.15	27.0	400	91.7	15	
20	3600	460	256T	8P20P1C	\$4,047	DS-841	1.15	25.0	350	91.0	23.1	
	3600	575	256T	8P20P1G	\$4,047	DS-841	1.15	25.0	350	91.0	18.5	
	1800	460	256T	8P20P2C	\$3,525	DS-841	1.15	25.0	360	93.0	23.8	
	1800	575	256T	8P20P2G	\$3,525	DS-841	1.15	25.0	360	93.0	19	
	1200	460	286T	8P20P3C	\$6,870	DS-841	1.15	27.0	420	91.7	24.5	
	1200	575	286T	8P20P3G	\$6,870	DS-841	1.15	27.0	420	91.7	19.6	
25	3600	460	284TS	8P25P1CS	\$4,949	DS-841	1.15	25.6	350	91.7	29.5	
	3600	575	284TS	8P25P1GS	\$4,949	DS-841	1.15	25.6	350	91.7	23.6	
	1800	460	284T	8P25P2C	\$4,576	DS-841	1.15	27.0	440	93.6	29.5	
	1800	575	284T	8P25P2G	\$4,576	DS-841	1.15	27.0	390	93.6	23.6	
	1200	460	324T	8P25P3C	\$7,242	DS-841	1.15	30.8	515	93.0	29.4	
	1200	575	324T	8P25P3G	\$7,242	DS-841	1.15	30.8	515	93.0	23.5	
30	3600	460	286TS	8P30P1CS	\$5,927	DS-841	1.15	25.6	400	91.7	34	
	3600	575	286TS	8P30P1GS	\$5,927	DS-841	1.15	25.6	400	91.7	27.6	
	1800	460	286T	8P30P2C	\$5,384	DS-841	1.15	27.0	440	93.6	35	
	1800	575	286T	8P30P2G	\$5,384	DS-841	1.15	27.0	440	94.1	27.6	
	1200	460	326T	8P30P3C	\$9,425	DS-841	1.15	30.8	595	93.6	35	
	1200	575	326T	8P30P3G	\$9,425	DS-841	1.15	30.8	595	93.6	28.1	
40	3600	460	324TS	8P40P1CS	\$8,112	DS-841	1.15	29.3	465	92.4	46	
	3600	575	324TS	8P40P1GS	\$8,112	DS-841	1.15	29.3	465	92.4	36	
	1800	460	324T	8P40P2C	\$7,173	DS-841	1.15	30.8	515	94.1	46	
	1800	575	324T	8P40P2G	\$7,173	DS-841	1.15	30.8	515	94.1	37	
	1200	460	364T	8P40P3C	\$12,259	DS-841	1.15	33.0	785	94.1	46	
	1200	575	364T	8P40P3G	\$12,259	DS-841	1.15	33.0	785	94.1	37	
50	3600	460	326TS	8P50P1CS	\$8,463	DS-841	1.15	29.3	555	93.0	56	
	3600	575	326TS	8P50P1GS	\$8,463	DS-841	1.15	29.3	555	93.0	45	
	1800	460	326T	8P50P2C	\$8,423	DS-841	1.15	30.8	595	94.5	56	
	1800	575	326T	8P50P2G	\$8,423	DS-841	1.15	30.8	595	94.5	45	
	1200	460	365T	8P50P3C	\$14,073	DS-841	1.15	33.0	895	94.1	58	
	1200	575	365T	8P50P3G	\$14,073	DS-841	1.15	33.0	895	94.1	46	
60	3600	460	364TS	8P60P1CS	\$12,510	DS-841	1.15	30.9	785	93.6	68	
	3600	575	364TS	8P60P1GS	\$12,510	DS-841	1.15	30.9	785	93.6	54	

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HAZARDOUS LOCATION
C-FACE MOTORS
VARIABLE FREQUENCY

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
60	1800	460	364T	8P60P2C	\$11,184	DS-841	1.15	33.0	785	95.0	69	
	1800	575	364T	8P60P2G	\$11,184	DS-841	1.15	33.0	785	95.0	55	
	1800	460	364TS	8P60P2CS	\$11,184	DS-841	1.15	30.9	785	95.0	69	
	1800	575	364TS	8P60P2GS	\$11,184	DS-841	1.15	30.9	785	95.0	55	
	1200	460	404T	8P60P3C	\$15,932	DS-841	1.15	38.0	1160	94.5	70	
	1200	575	404T	8P60P3G	\$15,932	DS-841	1.15	38.0	1160	94.5	56	
75	3600	460	365TS	8P75P1CS	\$13,854	DS-841	1.15	30.9	895	93.6	83	
	3600	575	365TS	8P75P1GS	\$13,854	DS-841	1.15	30.9	895	93.6	67	
	1800	460	365T	8P75P2C	\$13,010	DS-841	1.15	33.0	895	95.4	84	
	1800	460	365T	8P75P2CB	\$13,661	DS-841	1.15	33.0	895	95.4	84	09
	1800	575	365T	8P75P2G	\$13,010	DS-841	1.15	33.0	895	95.4	68	
	1800	575	365T	8P75P2GB	\$13,661	DS-841	1.15	33.0	895	95.4	68	09
	1800	460	365TS	8P75P2CS	\$13,010	DS-841	1.15	30.9	895	95.4	84	
	1800	575	365TS	8P75P2GS	\$13,010	DS-841	1.15	30.9	895	95.4	68	
	1200	460	405T	8P75P3C	\$19,298	DS-841	1.15	38.0	1300	94.5	87	
	1200	460	405T	8P75P3CB	\$20,263	DS-841	1.15	38.0	1300	94.5	87	09
	1200	575	405T	8P75P3G	\$19,298	DS-841	1.15	38.0	1300	94.5	70	
	1200	575	405T	8P75P3GB	\$20,263	DS-841	1.15	38.0	1300	94.5	70	09
100	3600	460	405TS	8P100P1CS	\$16,606	DS-841	1.15	35.0	1300	94.1	112.0	
	3600	575	405TS	8P100P1GS	\$16,606	DS-841	1.15	35.0	1300	94.1	90	
	1800	460	405T	8P100P2C	\$17,398	DS-841	1.15	38.0	1300	95.4	113	
	1800	460	405T	8P100P2CB	\$18,236	DS-841	1.15	38.0	1300	95.4	113	09
	1800	575	405T	8P100P2G	\$17,398	DS-841	1.15	38.0	1300	95.4	91	
	1800	575	405T	8P100P2GB	\$18,235	DS-841	1.15	38.0	1300	95.4	91	09
	1800	460	405TS	8P100P2CS	\$17,398	DS-841	1.15	35.0	1300	95.4	113	
	1800	575	405TS	8P100P2GS	\$17,398	DS-841	1.15	35.0	1300	95.4	91	
	1200	460	444T	8P100P3C	\$21,226	DS-841	1.15	45.9	1660	95.4	124	11
	1200	460	444T	8P100P3CB	\$22,288	DS-841	1.15	45.9	1660	95.0	124	09
	1200	575	444T	8P100P3G	\$21,226	DS-841	1.15	45.9	1660	95.4	99	11
	1200	575	444T	8P100P3GB	\$22,288	DS-841	1.15	45.9	1660	95.0	99	09
125	3600	460	444TS	8P125P1CS	\$19,420	DS-841	1.15	42.1	1590	95.0	145	12
	3600	575	444TS	8P125P1GS	\$19,420	DS-841	1.15	42.1	1590	95.0	116	12
	1800	460	444T	8P125P2C	\$19,699	DS-841	1.15	45.9	1675	95.4	146	11
	1800	460	444T	8P125P2CB	\$20,683	DS-841	1.15	45.9	1675	95.4	146	09
	1800	575	444T	8P125P2G	\$19,699	DS-841	1.15	45.9	1675	95.4	116	11
	1800	575	444T	8P125P2GB	\$20,683	DS-841	1.15	45.9	1675	95.4	116	09
	1800	460	444TS	8P125P2CS	\$19,699	DS-841	1.15	42.1	1675	95.4	146	
	1800	575	444TS	8P125P2GS	\$19,699	DS-841	1.15	42.1	1675	95.4	116	
	1200	460	445T	8P125P3C	\$24,093	DS-841	1.15	45.9	1750	95.8	151	
	1200	460	445T	8P125P3CB	\$25,298	DS-841	1.15	45.9	1750	95.4	151	09
	1200	575	445T	8P125P3G	\$24,093	DS-841	1.15	45.9	1750	95.8	123	11
	1200	575	445T	8P125P3GB	\$25,298	DS-841	1.15	45.9	1750	95.4	123	09
150	3600	460	445TS	8P150P1CS	\$22,319	DS-841	1.15	42.1	1650	95.0	167	12
	3600	575	445TS	8P150P1GS	\$22,319	DS-841	1.15	42.1	1650	95.0	134	12

Note 09 CARB[®] Bearing
Note 11 6318/6313 Bearing System

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
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 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY
 GENERAL PURPOSE 841 PLUS
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 GENERAL PURPOSE AUTOMOTIVE DUTY
 COOLING TOWER DUTY
 HAZARDOUS LOCATION
 C-FACE MOTORS
 VARIABLE FREQUENCY

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) 841 Plus® NEMA Premium[†] Efficient – IE3



HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
150	1800	460	445T	8P150P2C	\$23,297	DS-841	1.15	45.9	1780	95.8	171	11
	1800	460	445T	8P150P2CB	\$24,462	DS-841	1.15	45.9	1780	95.8	171	09
	1800	575	445T	8P150P2G	\$23,297	DS-841	1.15	45.9	1780	95.8	137	11
	1800	575	445T	8P150P2GB	\$24,462	DS-841	1.15	45.9	1780	95.8	137	09
	1800	460	445TS	8P150P2CS	\$23,297	DS-841	1.15	42.1	1780	95.8	171	
	1800	575	445TS	8P150P2GS	\$23,297	DS-841	1.15	42.1	1780	95.8	137	
	1200	460	447T	8P150P3C	\$26,782	DS-841	1.15	49.4	2100	95.8	181	
	1200	460	447T	8P150P3CB	\$28,120	DS-841	1.15	49.4	2100	95.8	181	09
	1200	575	447T	8P150P3G	\$26,782	DS-841	1.15	49.4	2100	96.2	145	11
	1200	575	447T	8P150P3GB	\$28,120	DS-841	1.15	49.4	2100	95.8	145	09
200	3600	460	447TS	8P200P1CS	\$29,508	DS-841	1.15	45.6	1950	95.4	220	12
	3600	575	447TS	8P200P1GS	\$29,508	DS-841	1.15	45.6	1950	95.4	175	12
	1800	460	447T	8P200P2C	\$28,029	DS-841	1.15	49.4	2120	96.2	224	
	1800	460	447T	8P200P2CB	\$29,430	DS-841	1.15	49.4	2120	96.2	224	09
	1800	575	447T	8P200P2G	\$28,029	DS-841	1.15	49.4	2120	96.2	180	11
	1800	575	447T	8P200P2GB	\$29,430	DS-841	1.15	49.4	2120	96.2	180	09
	1800	460	447TS	8P200P2CS	\$28,029	DS-841	1.15	45.6	2120	96.2	224	
	1800	575	447TS	8P200P2GS	\$28,029	DS-841	1.15	45.6	2120	96.2	180	
250	1800	460	449T	8P250P2C	\$39,244	DS-6S	1.15	55.13	2700	95.8	275	
	1800	460	449T	8P250P2CB	\$41,205	DS-6S	1.15	55.13	2700	95.8	275	09
	1800	575	449TS	8P250P2G	\$39,244	DS-6S	1.15	51.38	2700	95.8	219	
	1800	575	449TS	8P250P2GB	\$41,205	DS-6S	1.15	51.38	2700	95.8	219	09
300	1800	460	449T	8P300P2C	\$46,083	DS-6S	1.15	55.13	2850	95.8	327	
	1800	460	449T	8P300P2CB	\$48,387	DS-6S	1.15	55.13	2850	95.8	327	09
	1800	575	449T	8P300P2G	\$46,083	DS-6S	1.15	55.13	2850	95.8	262	
	1800	575	449T	8P300P2GB	\$48,387	DS-6S	1.15	55.13	2850	95.8	262	09
350	1800	460	449T	8P350P2C	\$48,344	DS-6S	1.15	55.13	2950	96.2	381	
	1800	460	449T	8P350P2CB	\$50,760	DS-6S	1.15	55.13	2950	96.2	381	09
	1800	575	449T	8P350P2G	\$48,344	DS-6S	1.15	55.13	2950	95.8	305	
	1800	575	449T	8P350P2GB	\$50,760	DS-6S	1.15	55.13	2950	95.8	305	09
400	1800	460	449T	8P400P2C	\$50,332	DS-6S	1.15	55.13	3025	95.8	440	
	1800	460	449T	8P400P2CB	\$52,848	DS-6S	1.15	55.13	3025	95.8	440	09
	1800	575	449T	8P400P2G	\$50,332	DS-6S	1.15	55.13	3025	95.8	349	
	1800	575	449T	8P400P2GB	\$52,848	DS-6S	1.15	55.13	3025	95.8	349	09

Note 09 CARB[®] Bearing
 Note 11 6318/6313 Bearing System

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 † All marks shown within this document are properties of their respective owners.

