

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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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 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
VARIABLE FREQUENCY

GENERAL PURPOSE UNIMOUNT
 GENERAL PURPOSE HOSTILE DUTY
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 GENERAL PURPOSE e-LINE
 GENERAL PURPOSE OPEN DRI/PROOF
 GENERAL PURPOSE HAZARDOUS LOCATION
 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.

