

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

NEMA
Premium



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 On Both Ends For IP55 Protection
- Same Size Regreasable Open Bearings, Brass Breathers/Drains
- CARB® Bearing Available As Conversion On 400 Frame & Up
- 5 Year Warranty (3 Years on Inverter Power)
- 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
- 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)	Full Load 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	86.5	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	82.5	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	13.5	70	86.5	2.4	
	3600	575	145T	8P2P1G	\$1,026	DS-841	1.15	13.1	70	86.5	2	
	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	16.2	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	88.5	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	16.2	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	1.00	20.0	160	89.5	7	
	1200	575	215T	8P5P3G	\$2,106	DS-841	1.15	20.0	160	90.2	5.6	
7 1/2	3600	460	213T	8P7P1C	\$1,589	DS-841	1.00	20.0	200	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	9.3	
	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

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(continued)

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	\$1,849	DS-841	1.15	20.0	185	91.0	11.8	
	3600	575	215T	8P10P1G	\$1,849	DS-841	1.15	20.0	185	91.7	9.4	
	1800	460	215T	8P10P2C	\$1,724	DS-841	1.15	20.0	205	91.7	12	
	1800	575	215T	8P10P2G	\$1,724	DS-841	1.15	20.0	200	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	25.0	340	93.0	23.5	
	1800	575	256T	8P20P2G	\$2,942	DS-841	1.15	25.0	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	350	91.7	29.5	
	3600	575	284TS	8P25P1GS	\$3,707	DS-841	1.15	27.7	380	91.7	23.6	
	1800	460	284T	8P25P2C	\$3,247	DS-841	1.15	27.4	380	93.6	29.5	
	1800	575	284T	8P25P2G	\$3,247	DS-841	1.15	27.4	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	400	91.7	34	
	3600	575	286TS	8P30P1GS	\$4,243	DS-841	1.15	26.0	400	91.7	27.6	
	3600	575	286TS	8P30P1GS	\$4,243	DS-841	1.15	26.3	400	91.7	27.6	
	1800	460	286T	8P30P2C	\$3,696	DS-841	1.15	27.4	440	93.6	35	
	1800	460	286T	8P30P2C	\$3,696	DS-841	1.15	27.7	440	93.6	35	
	1800	575	286T	8P30P2G	\$3,696	DS-841	1.15	27.4	440	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	33.0	785	94.1	46	
	1200	575	364T	8P40P3G	\$9,286	DS-841	1.15	33.0	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	30.8	595	94.5	56	
	1800	575	326T	8P50P2G	\$6,050	DS-841	1.15	30.8	595	94.5	45	
	1200	460	365T	8P50P3C	\$10,698	DS-841	1.15	33.0	895	94.1	58	
	1200	575	365T	8P50P3G	\$10,698	DS-841	1.15	33.0	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	

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(continued)

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60	1800	460	364T	8P60P2C	\$8,614	DS-841	1.15	33.0	785	95.0	69	
	1800	460	364TS	8P60P2CS	\$8,614	DS-841	1.15	30.9	785	95.0	69	
	1800	575	364T	8P60P2G	\$8,614	DS-841	1.15	33.0	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	36.5	1160	94.5	56	
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	33.0	895	95.4	84	
	1800	460	365T	8P75P2CB	\$11,289	DS-841	1.15	33.0	895	95.4	84	09
	1800	460	365TS	8P75P2CS	\$10,739	DS-841	1.15	30.9	895	95.4	84	
	1800	575	365T	8P75P2G	\$10,739	DS-841	1.00	33.0	895	95.4	68	
	1800	575	365T	8P75P2GB	\$11,289	DS-841	1.15	33.0	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	\$14,863	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	\$14,863	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	\$14,031	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	\$14,031	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	45.8	1660	95.0	124	11
	1200	460	444T	8P100P3CB	\$20,970	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	\$20,970	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	45.8	1675	95.4	146	11
	1800	460	444T	8P125P2CB	\$17,939	DS-841	1.15	45.8	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	45.8	1675	95.4	116	11
	1800	575	444T	8P125P2GB	\$17,939	DS-841	1.15	45.8	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	\$23,917	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	\$23,917	DS-841	1.15	45.9	1750	95.4	123	09
150	3600	460	445TS	8P150P1CS	\$24,508	DS-841	1.15	42.0	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

Note 09 Roller Bearing
Note 11 6318/6313 Bearing System

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(continued)

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	8P150P2CB	\$21,297	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	\$21,297	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	\$27,787	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	\$27,787	DS-841	1.15	49.3	2100	95.8	145	09
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	45.5	2100	95.8	173	
	1800	460	447T	8P200P2C	\$23,532	DS-841	1.15	49.4	2120	96.2	224	
	1800	460	447T	8P200P2CB	\$24,882	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	\$24,882	DS-841	1.15	49.3	2120	96.2	180	09
250	3600	460	449TS	8P250P1CS	\$35,160	DS-841	1.15	51.4	2400	95.8	273	12
	1800	460	449T	8P250P2C	\$30,248	DS-841	1.15	55.1	2700	96.2	273	
	1800	460	449T	8P250P2CB	\$31,798	DS-841	1.15	55.1	2700	96.2	273	09
300	3600	460	449TS	8P300P1CS	\$45,057	DS-841	1.15	51.4	2700	95.8	329	12
	1800	460	449T	8P300P2C	\$41,403	DS-841	1.15	55.1	2700	96.2	326	
	1800	460	449T	8P300P2C	\$41,403	DS-841	1.15	55.1	2850	95.8	328	
	1800	460	449T	8P300P2CB	\$42,953	DS-841	1.15	55.1	2850	95.8	328	09
350	3600	460	449TS	8P350P1CS	\$53,107	DS-841	1.15	51.4	2800	95.8	374	12
	1800	460	449T	8P350P2C	\$49,229	DS-841	1.15	55.1	2950	96.2	381	
	1800	460	449T	8P350P2CB	\$50,779	DS-841	1.15	55.1	2950	96.2	381	09
400	3600	460	449TS	8P400P1CS	\$59,265	DS-841	1.15	51.4	2900	95.8	426	12
	1800	460	449T	8P400P2C	\$54,834	DS-841	1.15	55.1	3025	96.2	434	12
	1800	460	449T	8P400P2CB	\$56,384	DS-841	1.15	55.1	3025	96.2	434	09,12

Note 09 Roller Bearing

Note 11 6318/6313 Bearing System

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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Revised — August 2016

