

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



CE

APPLICATIONS:

Designed 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
- 5 Year Warranty (3 Years on Inverter Power, see pg. 30 for details)
- Same Size Regreasable Open Bearings, Brass Breathers/Drains
- 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, Canopy Kit (except 320-360)

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	\$766	DS-841	1.15	13.1	65	85.5	1.5	-
	1800	575	143T	8P1P2G	\$766	DS-841	1.15	13.1	65	86.5	1.1	-
	1200	460	145T	8P1P3C	\$822	DS-841	1.15	13.1	70	82.5	1.8	-
	1200	575	145T	8P1P3G	\$822	DS-841	1.15	13.1	70	82.5	1.5	-
1-1/2	3600	460	143T	8P32P1C	\$661	DS-841	1.15	13.1	65	84	1.9	10
	3600	460	143T	8P32P1C	\$661	DS-841	1.15	13.5	65	84	1.9	10
	3600	575	143T	8P32P1G	\$661	DS-841	1.15	13.1	65	84	1.6	10
	1800	460	145T	8P32P2C	\$781	DS-841	1.15	13.5	70	86.5	2.1	-
	1800	460	145T	8P32P2C	\$781	DS-841	1.15	13.1	70	86.5	2.1	-
	1800	575	145T	8P32P2G	\$781	DS-841	1.15	13.1	70	86.5	1.7	-
	1200	460	182T	8P32P3C	\$947	DS-841	1.15	15.1	96	87.5	2.3	-
	1200	575	182T	8P32P3G	\$947	DS-841	1.15	15.1	96	87.5	1.8	-
2	3600	460	145T	8P2P1C	\$777	DS-841	1.15	13.1	70	86.5	2.4	-
	3600	460	145T	8P2P1C	\$777	DS-841	1.15	13.5	70	86.5	2.4	-
	3600	575	145T	8P2P1G	\$777	DS-841	1.15	13.1	70	86.5	2	-
	1800	460	145T	8P2P2C	\$815	DS-841	1.15	13.1	70	86.5	2.8	-
	1800	575	145T	8P2P2G	\$815	DS-841	1.15	13.1	70	86.5	2.3	-
	1200	460	184T	8P2P3C	\$1,050	DS-841	1.15	16.2	109	88.5	3.1	-
	1200	575	184T	8P2P3G	\$1,050	DS-841	1.15	16.2	109	88.5	2.5	-
3	3600	460	182T	8P3P1C	\$982	DS-841	1.15	15.1	96	88.5	3.9	-
	3600	575	182T	8P3P1G	\$982	DS-841	1.15	15.1	96	88.5	3.1	-
	1800	460	182T	8P3P2C	\$1,032	DS-841	1.15	15.1	96	89.5	4	-
	1800	460	182T	8P3P2C	\$1,032	DS-841	1.15	17.4	96	89.5	4	-
	1800	575	182T	8P3P2G	\$1,032	DS-841	1.15	15.1	96	89.5	3.2	-
	1200	460	213T	8P3P3C	\$1,436	DS-841	1.15	18.1	164	89.5	4.4	-
	1200	575	213T	8P3P3G	\$1,436	DS-841	1.15	18.1	164	89.5	3.5	-
5	3600	460	184T	8P5P1C	\$1,209	DS-841	1.15	16.2	110	88.5	6.1	-
	3600	575	184T	8P5P1G	\$1,209	DS-841	1.15	16.2	110	88.5	4.9	-
	1800	460	184T	8P5P2C	\$1,051	DS-841	1.15	16.2	110	90.2	6.3	-
	1800	575	184T	8P5P2G	\$1,051	DS-841	1.15	16.2	110	89.5	5	-
	1200	460	215T	8P5P3C	\$1,486	DS-841	1.15	19.6	160	90.2	7	-
	1200	575	215T	8P5P3G	\$1,486	DS-841	1.15	19.6	160	90.2	5.6	-
7-1/2	3600	460	213T	8P7P1C	\$1,581	DS-841	1.15	18.1	160	89.5	9.3	-
	3600	575	213T	8P7P1G	\$1,581	DS-841	1.15	18.1	160	89.5	7.4	-

Note 09 Roller Bearing

Note 11 6318/6313 Bearing System

Note 10 6205/6203 Bearing System

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

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