General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) STEEL EDGE®



IP44

S,SE, UT

APPLICATIONS:

For general industrial equipment including fans, blowers, compressors, pumps and direct connected equipment.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- Rolled Steel Frame, Aluminum End Brackets & Stamped Steel Fan Cover
- Mylar Nameplate & Zinc Plated Hardware
- 40°C Ambient, NEMA®† Design B Performance On 60 Hertz Sine Wave Power
- Sealed Bearings (56-140 Frame); Double Shielded Bearings (180-250 Frame)
- Steel Conduit Box on 56-210, Aluminum Conduit Box on 250-280
- 1.15 and 1.25 Factor @ 60Hz (See table)
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1/4	1800	208-230/460	56	T14S2A	$224	DS-3RST	1.15	10.9	26	70	1.1-1.1/.5	19,103
	1200	208-230/460	56	T14S3A	$294	DS-3RST	1.15	11.9	32	69.9	1.4-1.5/.76	103
1/3	1800	208-230/460	56	T13S2A	$255	DS-3RST	1.15	11.4	26	75.1	1.3-1.3/0.6	103
1/2	3600	208-230/460	48	T12S1D4	$278	DS-3RST	1.15	10.7	19	79.1	1.8-1.8/0.90	103
	3600	208-230/460	56	T12S1A	$278	DS-3RST	1.15	10.9	32	79	2.0-2.0/1.0	103
	1800	208-230/460	56	T12S2A	$278	DS-3RST	1.15	11.9	21	12.7	1.8-1.8/0.9	103
	1800	575	56	T12S2G	$278	DS-3RST	1.15	11.9	26	78.4	0.8	103
	1200	208-230/460	56	T12S3A	$357	DS-3RST	1.15	11.9	32	76.7	2.2-2.3/1.1	103
	1200	575	56	T12S3G	$357	DS-3RST	1.15	11.9	32	76.9	0.85	103
3/4	3600	208-230/460	56	T34S1A	$290	DS-3RST	1.15	11.9	32	83.9	2.5-2.5/1.2	103
	3600	575	56	U34P1G	$376	DS-3RST	1.25	12.6	30	80	0.8	
	1800	208-230/460	56	T34S2A	$299	DS-3RST	1.15	11.9	23	81.5	3.0-3.0/1.5	103
	1800	575	56	T34S2G	$299	DS-3RST	1.15	11.9	26	81.6	1.1	37,103
	1200	208-230/460	56H	T34S3AH	$422	DS-3RST	1.15	12.9	32	80.4	3.1-3.2/1.6	103
	1200	208-230/460	143T	T34S3B14	$422	DS-3RST	1.15	12.8	32	75.5	3.4-3.5/1.7	103
	1200	575	56	U34P3GH	$532	DS-3RST	1.25	12.6	30	82.5	1.2	
	1200	575	143T	U34P3G14	$532	DS-3RST	1.25	13	30	82.5	1.2	
1	3600	208-230/460	56	U1P1D	$404	DS-3RST	1.25	12.6	30	81.5	2.9-2.7/1.4	03
	3600	208-230/460	56	T1P1A	$327	DS-3RST	1.25	11.9	27	77	3.4-3.2/1.6	
	3600	575	56	U1P1G	$404	DS-3RST	1.25	12.9	30	80	1.1	
	1800	200	143T	U1P2H	$423	DS-3RST	1.25	13	30	85.5	3.4	
	1800	208-230/460	56H	T1P2AH	$396	DS-3RST	1.15	12.9	36	85.5	3.3-3.2/1.5	103
	1800	208-230/460	56HZ	T1P2AHZ	$423	DS-3RST	1.25	13.3	36	85.5	3.3-3.2/1.5	
	1800	208-230/460	143T	U1P2D	$423	DS-3RST	1.25	13.1	30	85.5	3.1-3/1.5	03
	1800	575	56H	T1P2GH	$396	DS-3RST	1.15	12.9	33	85.5	1.3	103
	1800	575	143T	U1P2G	$423	DS-3RST	1.25	13	30	85.5	1.1	
	1200	200	145T	U1P3H	$575	DS-3RST	1.25	13.1	35	82.5	4.1	
	1200	208-230/460	56H	U1P3DF	$575	DS-3RST	1.25	12.6	30	82.5	3.6-3.5/1.8	
	1200	208-230/460	145T	U1P3D	$575	DS-3RST	1.25	13.1	35	82.5	3.6-3.5/1.8	03
	1200	575	56	U1P3GH	$575	DS-3RST	1.25	12.6	35	82.5	1.4	
	1200	575	145T	U1P3G	$575	DS-3RST	1.25	13.1	35	82.5	1.4	
1 1/2	3600	200	143T	U32P1H	$488	DS-3RST	1.25	13	30	84	4.4	
	3600	208-230/460	56H	T32P1AH	$438	DS-3RST	1.15	13	32	84	4.9-5.0/2.5	
	3600	208-230/460	143T	U32P1D	$488	DS-3RST	1.25	13	30	84	4.2-3.9/1.9	03
	3600	575	56	U32P1GH	$488	DS-3RST	1.25	12.6	30	84	1.6	
	3600	575	143T	U32P1G	$488	DS-3RST	1.25	13	30	84	1.6	
	1800	200	145T	U32P2H	$469	DS-3RST	1.25	13	35	86.5	4.7	
	1800	208-230/460	56H	T32P2AH	$421	DS-3RST	1.15	12.9	38	86.5	4.5-4.5/2.2	103
	1800	208-230/460	145T	U32P2D	$469	DS-3RST	1.25	13	35	86.5	4.5-4.3/2.1	03
	1800	575	56	U32P2GH	$421	DS-3RST	1.25	12.6	35	86.5	1.7	
	1800	575	145T	U32P2G	$469	DS-3RST	1.25	13	35	86.5	1.7	
	1200	208-230/460	182T	S32P3A	$645	DS-3RST	1.15	14.9	40	87.5	5.1-5.2/2.6	04,16
	1200	575	182T	S32P3G	$645	DS-3RST	1.15	14.9	60	87.5	2	04

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA®† (MG-1) performance standards when operated at 208 volts

Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor

Note 37 Q-3 leads for across-the-line start

Note 103 Does not accept brake kit

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(continued)



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HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
2	3600	200	145T	U2P1H	$525	DS-3RST	1.25	13	35	86.5	5.6	
	3600	208-230/460	56H	T2P1AH	$520	DS-3RST	1.15	12.9	37	85.5	5.1-5.1/2.6	
	3600	208-230/460	145T	U2P1D	$525	DS-3RST	1.25	13	35	86.5	5.4-4.9/2.5	03
	3600	575	56H	U2P1GF	$470	DS-3RST	1.25	12.6	30	85.5	2	
	3600	575	145T	U2P1G	$525	DS-3RST	1.25	13	35	86.5	2	
	1800	200	145T	U2P2H	$514	DS-3RST	1.25	13	35	86.5	6.2	
	1800	208-230/460	56H	T2P2AH	$461	DS-3RST	1.15	10.4	42	86.5	6.2-6.0/3.0	
	1800	208-230/460	56HZ	T2P2AHZ	$514	DS-3RST	1.25	14	42	86.5	6.2-6.0/3.0	
	1800	208-230/460	145T	U2P2D	$514	DS-3RST	1.25	13	35	86.5	5.9-5.7/2.8	03
	1800	575	56	U2P2GH	$514	DS-3RST	1.25	12.6	35	86.5	2.3	
	1800	575	56	U2P2GHZ	$514	DS-3RST	1.25	12.6	35	86.5	2.3	
	1800	575	145T	U2P2G	$514	DS-3RST	1.25	13	35	86.5	2.3	
	1200	208-230/460	184T	S2P3A	$732	DS-3RST	1.15	14.9	74	88.5	6.4-6.2/3.1	04,16
	1200	575	184T	S2P3G	$732	DS-3RST	1.15	15.9	60	88.5	2.4	04
3	3600	200	145T	U3P1HF	$573	DS-3RST	1.25	13	35	86.5	8.3	
	3600	208-230/460	56HZ	U3P1AHZ	$573	DS-3RST	1.25	13.8	40	86.5	7.9-6.7/3.4	103
	3600	208-230/460	145T	U3P1DF	$573	DS-3RST	1.25	13	35	86.5	8.1-7.2/3.6	03
	3600	208-230/460	182T	S3P1A	$605	DS-3RST	1.15	14.9	50	86.5	8.4-7.7/3.9	04,16
	3600	575	56	U3P1GHZ	$573	DS-3RST	1.25	12.6	35	86.5	2.8	
	3600	575	145T	U3P1GF	$573	DS-3RST	1.25	13	35	86.5	2.9	
	3600	575	182T	S3P1G	$605	DS-3RST	1.15	14.9	60	86.5	3.1	04
	1800	208-230/460	182T	S3P2A	$605	DS-3RST	1.15	14.9	85	89.5	8.4-7.8/3.9	04,16
	1800	575	182T	S3P2G	$605	DS-3RST	1.15	14.9	60	89.5	3.2	04
	1200	208-230/460	213T	S3P3A	$928	DS-3RST	1.15	18.9	130	89.5	9.2-8.6/4.3	04,16
	1200	575	213T	S3P3G	$928	DS-3RST	1.15	18.9	105	89.5	3.4	04,16
5	3600	208-230/460	184T	S5P1A	$715	DS-3RST	1.15	15.9	65	88.5	13.6-12.1/6.1	04,16
	3600	575	184T	S5P1G	$715	DS-3RST	1.15	15.9	70	88.5	4.9	04
	1800	208-230/460	184T	S5P2A	$715	DS-3RST	1.15	15.9	72	89.5	13.5-12.5/6.2	04,16
	1800	575	184T	S5P2G	$715	DS-3RST	1.15	15.9	70	89.5	4.9	04
	1200	208-230/460	215T	S5P3A	$1,155	DS-3RST	1.15	18.9	135	89.5	15-14.1/7	04,16
	1200	575	215T	S5P3G	$1,155	DS-3RST	1.15	18.9	120	89.5	5.6	04,16
7 1/2	3600	208-230/460	213T	S7P1A	$942	DS-3RST	1.15	18.9	114	89.5	19.9-17.9/9	04,16
	3600	575	213T	S7P1G	$942	DS-3RST	1.15	18.9	105	89.5	7.2	04,16
	1800	208-230/460	213T	S7P2A	$905	DS-3RST	1.15	18.9	90	91.7	20-18.1/9.1	04,16
	1800	575	213T	S7P2G	$905	DS-3RST	1.15	18.9	105	91.7	7.2	04,16
	1200	230/460	254T	S7P3A	$1,395	DS-3RST	1.15	24.4	180	91	18.9/9.5	
	1200	575	254T	S7P3G	$1,395	DS-3RST	1.15	24.4	180	91	7.6	
10	3600	208-230/460	215T	S10P1A	$1,078	DS-3RST	1.15	18.9	128	90.2	26.5-23.5/11.7	04,16
	3600	575	215T	S10P1G	$1,142	DS-3RST	1.15	18.9	120	90.2	9.4	04,16
	1800	208-230/460	215T	S10P2A	$1,115	DS-3RST	1.15	18.9	120	91.7	26.6-24/12	04,16
	1800	575	215T	S10P2G	$1,115	DS-3RST	1.15	18.9	120	91.7	9.5	04,16
	1200	230/460	256T	S10P3A	$1,674	DS-3RST	1.15	24.41	230	91	25/12.5	
	1200	575	256T	S10P3G	$1,674	DS-3RST	1.15	24.41	230	91	10.1	
15	3600	230/460	254T	S15P1A	$1,543	DS-3RST	1.15	24.4	180	91	35/17.3	
	3600	575	254T	S15P1G	$1,543	DS-3RST	1.15	24.4	180	91	13.9	
	1800	230/460	254T	S15P2A	$1,540	DS-3RST	1.15	24.4	180	92.4	36/17.9	
	1800	575	254T	S15P2G	$1,540	DS-3RST	1.15	24.4	180	92.4	14.4	
20	3600	230/460	256T	S20P1A	$1,910	DS-3RST	1.15	24.4	230	91	46/23	
	3600	575	256T	S20P1G	$1,910	DS-3RST	1.15	24.4	230	91	18.5	
	1800	230/460	256T	S20P2A	$1,898	DS-3RST	1.15	24.4	230	93	48/24	
	1800	575	256T	S20P2G	$1,898	DS-3RST	1.15	24.4	230	93	19.4	

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