

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC), Div. 1 Hazardous Location, NEMA Premium<sup>®</sup> Efficient – IE3, Single Label, Corro-Duty<sup>®</sup>



## APPLICATIONS:

For pumps, fans, compressors, conveyors and tools located in hazardous locations as defined by Class and Group.

## FEATURES:

- UL<sup>®</sup> Listed & CSA<sup>®</sup> Certified
- All Cast Iron Construction (140 Frame Has Steel Base)
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Cast Iron Inner Bearing Caps (180 Frame & Larger)
- 40°C Ambient, NEMA<sup>®</sup> Design B Performance On 60 Hz Sine Wave Power
- Regreasable Bearings 180 Frame & Up, Lifting Provisions 180 Frame & Up
- Sealed Bearings 56-140, Shielded 180-360, Open 400-440 Frames
- Class F Insulation, Listed For Ambients -25°C To +40°C
- Brass Breather Plug
- Suitable For Inverter Use Per Policy Statement In Introduction, 2:1 CT (See Page vii)
- Class I (Group D), T2B Temperature Code
- 1.15 Service Factor On 60 Hertz Sinewave Power

## Class I, Group D, Temp Code T2B

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143T	YC1P2B	\$872	DS-3CX	13.1	62	85.5	3/1.5	
	1200	230/460	145T	YC1P3B	\$1,022	DS-3CX	13.1	80	82.5	3.8/1.9	
	900	230/460	182T	YC1E4B	\$1,583	DS-3CX	16.2	100	74.0	4.7/2.4	NNP
1-1/2	3600	230/460	143T	YC32P1B	\$913	DS-3CX	13.1	65	84.0	3.9/2	
	1800	230/460	145T	YC32P2B	\$917	DS-3CX	13.1	80	86.5	4.3/2.1	
	1200	230/460	182T	YC32P3B	\$1,106	DS-3CX	16.2	100	87.5	4.6/2.3	
	900	230/460	184T	YC32E4B	\$2,208	DS-3CX	16.2	105	77.0	6.6/3.3	NNP
2	3600	230/460	145T	YC2P1B	\$1,017	DS-3CX	13.1	64	85.5	4.9/2.4	
	1800	230/460	145T	YC2P2B	\$980	DS-3CX	13.1	80	86.5	5.6/2.8	
	1200	230/460	184T	YC2P3B	\$1,281	DS-3CX	16.2	110	88.5	6.1/3.1	
	900	230/460	213T	YC2E4B	\$2,363	DS-3CX	19.6	150	82.5	6.9/3.5	NNP
3	3600	230/460	182T	YC3P1B	\$1,147	DS-3CX	16.2	80	86.5	7.8/3.9	
	1800	230/460	182T	YC3P2B	\$1,149	DS-3CX	16.2	96	89.5	7.6/3.8	
	1200	230/460	213T	YC3P3B	\$1,647	DS-3CX	19.6	151	89.5	8.8/4.4	
	900	230/460	215T	YC3E4B	\$2,934	DS-3CX	19.6	165	84.0	10.4/5.2	NNP
5	3600	230/460	184T	YC5P1B	\$1,445	DS-3CX	16.2	104	88.5	12.0/6.0	
	1800	230/460	184T	YC5P2B	\$1,279	DS-3CX	16.2	105	89.5	12.5/6.3	
	1200	230/460	215T	YC5P3B	\$2,184	DS-3CX	19.6	157	89.5	13.9/7.0	
	900	230/460	254T	YC5E4B	\$4,010	DS-3CX	25.0	310	85.5	17.5/8.7	NNP
7-1/2	3600	230/460	213T	YC7P1B	\$1,683	DS-3CX	19.6	156	89.5	18.6/9.3	
	1800	230/460	213T	YC7P2B	\$1,757	DS-3CX	19.6	160	91.7	18.6/9.3	
	1200	230/460	254T	YC7P3B	\$2,919	DS-3CX	25.0	300	91.0	18.8/9.4	
	900	230/460	256T	YC7E4B	\$4,943	DS-3CX	25.0	375	85.5	23.6/11.8	NNP
10	3600	230/460	215T	YC10P1B	\$2,129	DS-3CX	19.6	175	90.2	23.6/11.8	
	1800	230/460	215T	YC10P2B	\$2,084	DS-3CX	19.6	194	91.7	23.9/12.0	
	1200	230/460	256T	YC10P3B	\$3,804	DS-3CX	25.0	320	91.0	24.8/12.4	
	900	230/460	284T	YC10E4B	\$6,027	DS-3CX	27.0	380	88.5	28.5/14.3	NNP
15	3600	230/460	254T	YC15P1B	\$2,851	DS-3CX	25.0	320	91.0	35/17.7	
	1800	230/460	254T	YC15P2B	\$2,735	DS-3CX	25.0	316	92.4	37/18.4	
	1200	230/460	284T	YC15P3B	\$4,714	DS-3CX	27.0	400	91.7	38/18.8	

Note NNP Non-NEMA<sup>®</sup> Premium Rating

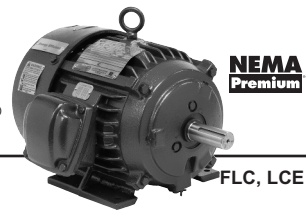
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GENERAL PURPOSE UNIMOUNT  
GENERAL PURPOSE HOSTILE DUTY  
GENERAL PURPOSE CORRO-DUTY  
GENERAL PURPOSE 941 PLUS  
GENERAL PURPOSE e-LINE  
GENERAL PURPOSE OPEN DRIPPROOF  
GENERAL PURPOSE HAZARDOUS LOCATION  
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## Class I, Group D, Temp Code T2B

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
20	3600	230/460	256T	YC20P1B	\$3,656	DS-3CX	25.0	337	91.0	46/23.1	
	1800	230/460	256T	YC20P2B	\$3,323	DS-3CX	25.0	372	93.0	48/23.8	
	1200	230/460	286T	YC20P3B	\$5,563	DS-3CX	27.0	390	91.7	49/24.6	
	900	230/460	324T	YC20E4B	\$9,400	DS-3CX	31.2	550	89.5	55/27.3	NNP
25	3600	230/460	284TS	YC25P1BS	\$4,457	DS-3CX	26.3	350	91.7	58/29.1	
	1800	230/460	284T	YC25P2B	\$3,981	DS-3CX	27.0	350	93.6	59/29.3	
	1200	230/460	324T	YC25P3B	\$6,956	DS-3CX	31.2	560	93.0	62/31	
	900	230/460	326T	YC25E4B	\$10,908	DS-3CX	31.2	645	89.5	67/34	NNP
30	3600	230/460	286TS	YC30P1BS	\$4,835	DS-3CX	26.3	410	91.7	69/34	
	1800	230/460	286T	YC30P2B	\$4,676	DS-3CX	27.0	415	93.6	69/34	
	1200	230/460	326T	YC30P3B	\$8,236	DS-3CX	31.2	685	93.0	74/37	
40	3600	230/460	324TS	YC40P1BS	\$6,466	DS-3CX	29.7	560	92.4	90/45	
	1800	230/460	324T	YC40P2B	\$6,176	DS-3CX	31.2	560	94.1	92/46	
	1200	230/460	364T	YC40P3B	\$10,863	DS-3CX	33.1	819	94.1	92/46	
50	3600	230/460	326TS	YC50P1BS	\$8,520	DS-3CX	29.7	640	93.0	112/56	
	1800	230/460	326T	YC50P2B	\$7,639	DS-3CX	31.2	650	94.5	112/56	
	1200	230/460	365T	YC50P3B	\$12,414	DS-3CX	33.1	950	94.1	115/57	
60	3600	230/460	364TS	YC60P1BS	\$12,381	DS-3CX	31.0	750	93.6	136/68	
	1800	230/460	364T	YC60P2B	\$11,342	DS-3CX	33.1	810	95.0	136/68	
	1200	230/460	404T	YC60P3B	\$14,143	DS-3CX	38.0	1350	94.5	139/70	
75	3600	230/460	365TS	YC75P1BS	\$14,435	DS-3CX	31.0	850	93.6	166/83	
	1800	230/460	365T	YC75P2B	\$14,076	DS-3CX	33.1	850	95.4	169/84	
	1200	230/460	405T	YC75P3B	\$17,169	DS-3CX	38.0	1200	94.5	174/87	
100	1800	230/460	405T	YC100P2B	\$17,179	DS-3CX	38.0	1244	95.4	225/113	

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