

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Div. 1 Hazardous Location NEMA^{®†} Premium Efficient, Single Label, CORRO-DUTY[®]

APPLICATIONS:

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



NEMA
Premium

FLC,
LCE

FEATURES:

- UL^{®†} Listed & CSA^{®†} 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^{®†} Design B Performance On 60 Hertz 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
- Class I (Group D), T2B Temperature Code
- 1.15 Service Factor On 60 Hertz Sinewave Power

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1/2	1800	230/460	56	Y12S2B	DS-3F	1.00	11.6	47	77.0	1.8-1.7/0.9	13,NNP
3/4	1800	230/460	56	Y34S2B	DS-3F	1.00	11.6	49	78.5	2.7/1.3	13,NNP
1	1800	230/460	143T	YC1P2B	DS-3CX	1.15	13.1	80	85.5	3/1.5	
	1200	230/460	145T	YC1P3B	DS-3CX	1.15	13.1	80	82.5	3.8/1.9	
	900	230/460	182T	YC1P4B	DS-3CX	1.15	16.1	90	75.5	4.8/2.4	
1 1/2	3600	230/460	143T	YC32P1B	DS-3CX	1.15	13.1	70	84.0	3.9/1.9	
	1800	230/460	145T	YC32P2B	DS-3CX	1.15	13.1	80	86.5	4.3/2.1	
	1200	230/460	182T	YC32P3B	DS-3CX	1.15	16.1	90	87.5	4.6/2.3	
	900	230/460	184T	YC32P4B	DS-3CX	1.15	16.1	110	78.5	6.1/3	
2	3600	230/460	145T	YC2P1B	DS-3CX	1.15	13.1	75	86.5	4.9/2.4	
	1800	230/460	145T	YC2P2B	DS-3CX	1.15	13.1	80	86.5	5.2/2.6	
	1200	230/460	184T	YC2P3B	DS-3CX	1.15	16.1	110	88.5	5.8/2.9	
	900	230/460	213T	YC2P4B	DS-3CX	1.15	20.0	145	84.0	8.1/4	
3	3600	230/460	182T	YC3P1B	DS-3CX	1.15	16.1	90	86.5	7.8/3.9	
	1800	230/460	182T	YC3P2B	DS-3CX	1.15	16.1	90	89.5	7.7/3.8	
	1200	230/460	213T	YC3P3B	DS-3CX	1.15	20.0	145	89.5	8.8/4.4	
	900	230/460	215T	YC3P4B	DS-3CX	1.15	20.0	170	85.5	11.9/5.9	
5	3600	230/460	184T	YC5P1B	DS-3CX	1.15	16.1	110	88.5	12.2/6.1	
	1800	230/460	184T	YC5P2B	DS-3CX	1.15	16.1	110	89.5	12.5/6.2	
	1200	230/460	215T	YC5P3B	DS-3CX	1.15	20.0	170	89.5	13.9/7	
	900	230/460	254T	YC5P4B	DS-3CX	1.15	25.0	300	86.5	18/9	
7 1/2	3600	230/460	213T	YC7P1B	DS-3CX	1.15	20.0	145	89.5	18.6/9.3	
	1800	230/460	213T	YC7P2B	DS-3CX	1.00	20.0	145	91.7	18.6/9.3	
	1200	230/460	254T	YC7P3B	DS-3CX	1.15	25.0	300	91.0	18.8/9.4	
	900	230/460	256T	YC7P4B	DS-3CX	1.15	25.0	375	86.5	23.3/11.7	
10	3600	230/460	215T	YC10P1B	DS-3CX	1.15	20.0	170	90.2	23.6/11.8	
	1800	230/460	215T	YC10P2B	DS-3CX	1.00	20.0	170	91.0	24.1/12	
	1200	230/460	256T	YC10P3B	DS-3CX	1.15	25.0	375	91.0	24.8/12.4	
	900	230/460	284T	YC10P4B	DS-3CX	1.15	27.4	390	89.5	28/14	
15	3600	230/460	254T	YC15P1B	DS-3CX	1.15	25.0	300	91.0	35/17.5	
	1800	230/460	254T	YC15P2B	DS-3CX	1.15	25.0	300	92.4	37/18.3	
	1200	230/460	284T	YC15P3B	DS-3CX	1.15	27.4	390	91.7	37/18.2	
20	3600	230/460	256T	YC20P1B	DS-3CX	1.15	25.0	375	91.0	46/23.1	
	1800	230/460	256T	YC20P2B	DS-3CX	1.15	25.0	375	93.0	47/23.5	
	1200	230/460	286T	YC20P3B	DS-3CX	1.15	27.4	460	91.7	49/24.4	
	900	230/460	324T	YC20P4B	DS-3CX	1.15	30.7	575	90.2	53/26.5	

Note 13 Steel Frame Construction
Note NNP Non-NEMA^{®†} Premium

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(continued)



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HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
25	3600	230/460	284TS	YC25P1BS	DS-3CX	1.15	26.0	390	91.7	57/28.7	
	1800	230/460	284T	YC25P2B	DS-3CX	1.15	27.4	390	93.6	58/28.9	
	1200	230/460	324T	YC25P3B	DS-3CX	1.00	30.7	575	93.0	61/31	
	900	230/460	326T	YC25P4B	DS-3CX	1.15	30.7	650	90.2	66/33	
30	3600	230/460	286TS	YC30P1BS	DS-3CX	1.15	26.0	460	91.7	69/34	
	1800	230/460	286T	YC30P2B	DS-3CX	1.15	27.4	460	93.6	69/34	
	1200	230/460	326T	YC30P3B	DS-3CX	1.00	30.7	685	93.0	74/37	
40	3600	230/460	324TS	YC40P1BS	DS-3CX	1.15	29.2	550	92.4	90/45	
	1800	230/460	324T	YC40P2B	DS-3CX	1.15	30.7	590	94.1	90/45	
	1200	230/460	364T	YC40P3B	DS-3CX	1.15	33.1	725	94.1	92/46	
50	3600	230/460	326TS	YC50P1BS	DS-3CX	1.15	29.2	650	93.0	114/57	
	1800	230/460	326T	YC50P2B	DS-3CX	1.00	30.7	650	94.5	112/56	
	1200	230/460	365T	YC50P3B	DS-3CX	1.15	33.1	950	94.1	115/58	
60	3600	230/460	364TS	YC60P1BS	DS-3CX	1.15	30.9	750	93.6	136/68	
	1800	230/460	364T	YC60P2B	DS-3CX	1.15	33.1	810	95.0	136/68	
	1200	230/460	404T	YC60P3B	DS-3CX	1.00	38.0	1100	94.5	139/70	
75	3600	230/460	365TS	YC75P1BS	DS-3CX	1.15	30.9	850	93.6	166/83	
	1800	230/460	365T	YC75P2B	DS-3CX	1.00	33.1	850	95.4	169/84	
	1200	230/460	405T	YC75P3B	DS-3CX	1.00	38.0	1225	94.5	174/87	
100	1800	230/460	405T	YC100P2B	DS-3CX	1.15	38.0	1244	95.4	225/113	

GENERAL PURPOSE
UNIMOUNT[®]

GENERAL PURPOSE
C-FACE

GENERAL PURPOSE
HOSTILE DUTY

GENERAL PURPOSE
CORRO-DUTY[™]

GENERAL PURPOSE
841 PLUS[™]

GENERAL PURPOSE
OPEN DRIPPROOF

GENERAL PURPOSE
HAZARDOUS LOCATION

GENERAL PURPOSE
AUTOMOTIVE DUTY

COOLING TOWER
DUTY

HAZARDOUS
LOCATION

C-FACE
MOTORS

VARIABLE SPEED
MOTORS AND DRIVES