

Hazardous Location Motors

Horsepower: 1/4 through 200 HP, Single and Dual Label

Phase: Single and Three Phase

RPM: 1200, 1800 and 3600

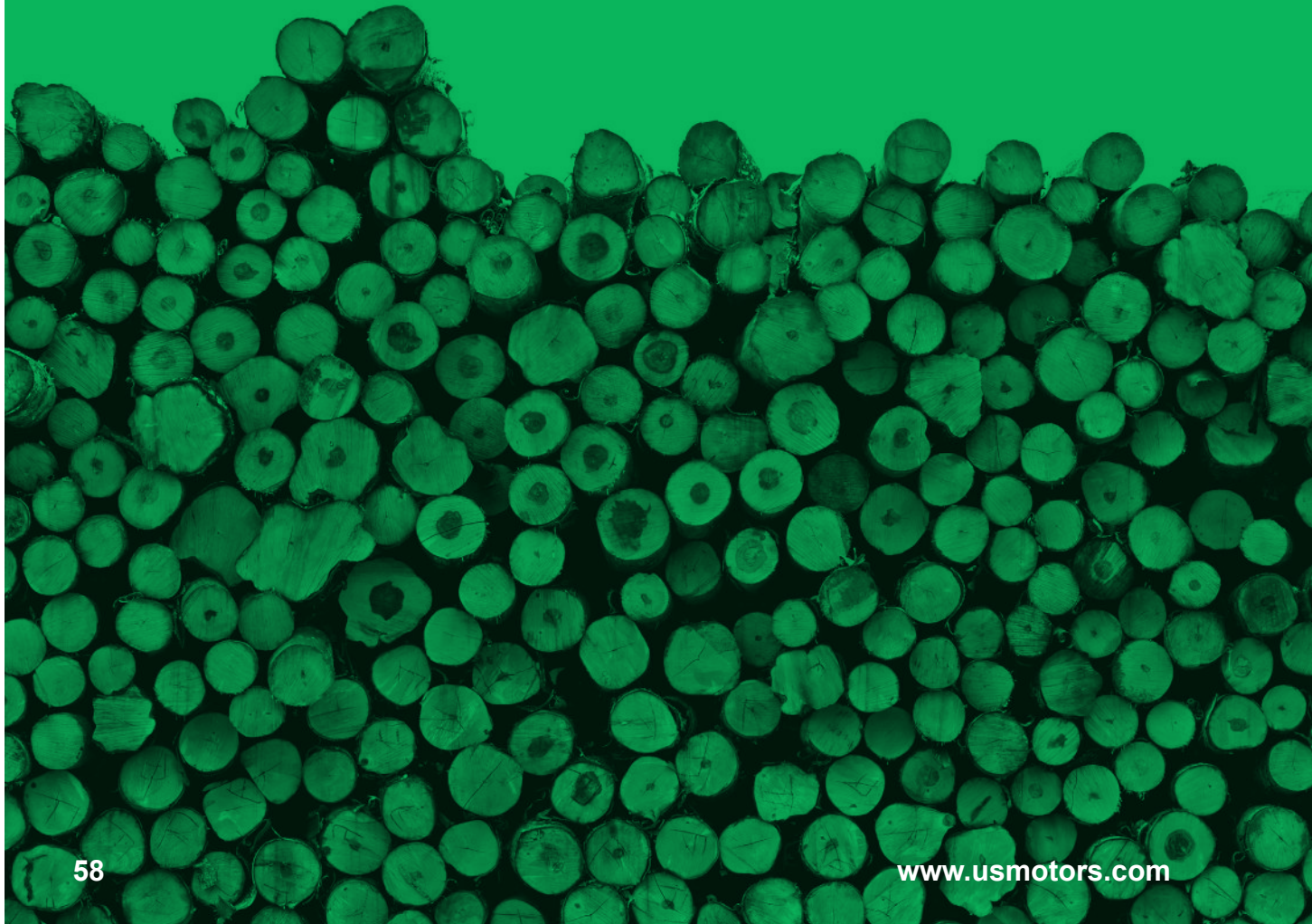
Voltage: 115/208 - 230, 115/230, 230/460, 208-230/460 and 460

Efficiency: NEMA^{®†} Premium

Mounting: Footed, Footless C-Face

Agency: UL^{®†} Recognized and CSA^{®†} Certified

Hazardous Location Motors



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Div. 1 Hazardous Location NEMA^{®†} Premium Efficient, Dual Label

APPLICATIONS:

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



NEMA
Premium

LE, FL

FEATURES:

For all Products Listed in this Section:

- UL^{®†} Listed & CSA^{®†} Certified
- Cast Iron Inner Bearing Caps (180 Frame and Larger)
- 40°C Ambient, NEMA^{®†} Design B Performance
- Regreasable Bearings 180 Frame & Up
- Lifting Provisions, 180 Frame & Up
- Conversion Kits: Cast Iron Fan Cover (180 Frame & Up)
- Sealed Bearings 56-140, Shielded 180 Frame & Up
- Class, Group & Temp Code as Noted Below
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

For Catalog Numbers Beginning with "XS":

- Cast Iron Frame Except Where Noted
- Cast Iron End Brackets & Conduit Box
- Class F Insulation
- 1.00 Service Factor on 60 Hertz Sinewave Power
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger on Pulley End for IP54 Protection

For Catalog Numbers Beginning with "X":

- Cast Iron Frame Except Where Noted
- Cast Iron End Brackets & Conduit Box
- Class F Insulation
- 1.00 Service Factor on 60 Hertz Sinewave Power
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger on Pulley End for IP54 Protection

HP	RPM	Voltage	Frame	Catalog Number	Class I Group	Class II Group	Temp Code	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1/2	1800	208-230/460	56	XS12SA2D	CD	EFG	T3C	\$505	DS-3CXD	12.4	26	-	2.0-1.9/1.0	13,24,NNP
	1200	208-230/460	56	XS12SA3A	CD	EFG	T3C	\$615	DS-3CXD	13.2	32	-	2.2-2.3/1.1	13,24,NNP
3/4	1800	208-230/460	56	XS34SA2A	CD	EFG	T3C	\$576	DS-3CXD	13.7	32	-	2.8-2.9/1.4	13,24,NNP
	1200	208-230/460	143T	XS34S3A14	CD	EFG	T3C	\$700	DS-3CXD	15.0	32	-	3.1-3.2/1.6	13,NNP
1	1800	230/460	143T	X1P2B	D	FG	T3B	\$729	DS-3CXD	12.9	60	85.5	3/1.5	51
	1800	575	143T	X1P2G	D	FG	T3B	\$729	DS-3CXD	12.9	60	85.5	1.2	
	1200	230/460	145T	X1P3B	D	FG	T3B	\$991	DS-3CXD	12.9	80	82.5	3.8/1.9	
	900	230/460	182T	X1P4B	D	FG	T3B	\$1,526	DS-3CXD	15.5	90	75.5	4.8/2.4	
1 1/2	3600	230/460	143T	X32P1B	D	FG	T3B	\$840	DS-3CXD	12.9	70	84.0	3.9/1.9	
	1800	208-230/460	145T	XS32P2A14	CD	EFG	T3C	\$808	DS-3CXD	15.5	32	86.5	4.7-4.6/2.3	13,24
	1800	230/460	145T	X32P2B	D	FG	T3B	\$808	DS-3CXD	12.9	80	86.5	4.3/2.1	
	1800	575	145T	X32P2G	D	FG	T3B	\$808	DS-3CXD	12.9	65	86.5	1.7	
	1200	230/460	182T	X32P3B	D	FG	T3B	\$1,093	DS-3CXD	15.5	90	87.5	4.6/2.3	
	900	230/460	184T	X32P4B	D	FG	T3B	\$1,694	DS-3CXD	15.5	110	78.5	6.1/3	
2	3600	230/460	145T	X2P1B	D	FG	T3B	\$998	DS-3CXD	12.9	75	85.5	4.9/2.4	
	1800	208-230/460	56H	XS2PA2AH	CD	EFG	T3C	\$886	DS-3CXD	16.7	32	86.5	6.7-6.4/3.2	13,24
	1800	230/460	145T	X2P2B	D	FG	T3B	\$886	DS-3CXD	12.9	80	86.5	5.2/2.6	
	1800	575	145T	X2P2G	D	FG	T3B	\$886	DS-3CXD	12.9	65	86.5	2.1	
	1200	230/460	184T	X2P3B	D	FG	T3B	\$1,216	DS-3CXD	16.0	110	88.5	5.8/2.9	
	900	230/460	213T	X2P4B	D	FG	T3B	\$1,880	DS-3CXD	19.1	145	84.0	8.1/4	
3	3600	230/460	182T	X3P1B	D	FG	T3B	\$1,116	DS-3CXD	16.0	90	86.5	7.8/3.9	
	1800	230/460	182T	X3P2B	D	FG	T3B	\$986	DS-3CXD	16.0	90	89.5	7.7/3.8	
	1800	575	182T	X3P2G	D	FG	T3B	\$986	DS-3CXD	16.0	90	89.5	3.1	
	1200	230/460	213T	X3P3B	D	FG	T3B	\$1,503	DS-3CXD	19.1	145	89.5	8.8/4.4	
	900	230/460	215T	X3P4B	D	FG	T3B	\$2,330	DS-3CXD	19.1	170	85.5	11.9/5.9	
	5	3600	230/460	184T	X5P1B	D	FG	T3B	\$1,400	DS-3CXD	16.0	110	88.5	12.2/6.1
1800		230/460	184T	X5P2B	D	FG	T3B	\$1,147	DS-3CXD	16.0	110	89.5	12.5/6.2	
1800		575	184T	X5P2G	D	FG	T3B	\$1,147	DS-3CXD	16.0	110	89.5	5	
1200		230/460	215T	X5P3B	D	FG	T3B	\$2,152	DS-3CXD	19.1	170	89.5	13.9/7	
900		230/460	254T	X5P4B	CD	FG	T3C	\$3,239	DS-3CXD	25.6	300	86.5	18/9	
7 1/2		3600	230/460	213T	X7P1B	D	FG	T3B	\$1,730	DS-3CXD	19.1	145	89.5	18.6/9.3
	1800	230/460	213T	X7P2B	D	FG	T3B	\$1,564	DS-3CXD	19.1	145	91.7	18.5/9.3	
	1800	575	213T	X7P2G	D	FG	T3B	\$1,564	DS-3CXD	19.1	145	91.7	7.4	
	1200	230/460	254T	X7P3B	CD	FG	T3C	\$2,788	DS-3CXD	25.3	300	91.0	18.8/9.4	

Note 13 Steel Frame Construction
Note 24 Automatic Reset Thermal Protector Overload

Note 51 Equipped with Winding Thermostat
Note NNP Non-NEMA^{®†} Premium



GENERAL PURPOSE UNIMOUNT[™]
GENERAL PURPOSE STEEL EDGE
GENERAL PURPOSE HOSTILE DUTY
GENERAL PURPOSE CORRO-DUTY[™]
GENERAL PURPOSE 84 PLUS[™]
GENERAL PURPOSE OPEN DRI-PROOF
GENERAL PURPOSE HAZARDOUS LOCATION
GENERAL PURPOSE AUTOMOTIVE DUTY
COOLING TOWER DUTY
HAZARDOUS LOCATION
C-FACE MOTORS
VARIABLE SPEED MOTORS AND DRIVES

GENERAL PURPOSE
UNIMOUNT®GENERAL PURPOSE
STEEL EDGE™GENERAL PURPOSE
HOSTILE DUTYGENERAL PURPOSE
CORRO-DUTY™GENERAL PURPOSE
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OPEN DRIPPROOFGENERAL PURPOSE
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DUTYHAZARDOUS
LOCATIONC-FACE
MOTORSVARIABLE SPEED
MOTORS AND DRIVES

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Div. 1 Hazardous Location NEMA® Premium Efficient, Dual Label

(continued)


NEMA
Premium

LE, FL

HP	RPM	Voltage	Frame	Catalog Number	Class I Group	Class II Group	Temp Code	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
10	3600	230/460	215T	X10P1B	D	FG	T3B	\$2,027	DS-3CXD	19.1	170	90.2	23.6/11.8	
	1800	230/460	215T	X10P2B	D	FG	T3B	\$1,889	DS-3CXD	19.1	170	91.7	23.9/12	
	1800	575	215T	X10P2G	D	FG	T3B	\$1,889	DS-3CXD	19.1	170	91.7	9.6	
	1200	230/460	256T	X10P3B	CD	FG	T3C	\$3,368	DS-3CXD	25.3	320	91.0	24.8/12.4	
15	3600	230/460	254T	X15P1B	CD	FG	T3C	\$2,817	DS-3CXD	25.3	320	91.0	35/17.5	
	1800	230/460	254T	X15P2B	CD	FG	T3C	\$2,533	DS-3CXD	25.3	316	92.4	37/18.3	
	1800	575	254T	X15P2G	CD	FG	T3C	\$2,533	DS-3CXD	25.3	300	92.4	14.6	
	1200	230/460	284T	X15P3B	CD	FG	T3C	\$4,617	DS-3CXD	27.0	390	91.7	37/18.2	
20	3600	230/460	256T	X20P1B	CD	FG	T3C	\$3,487	DS-3CXD	25.3	375	91.0	46/23	
	1800	230/460	256T	X20P2B	CD	FG	T3C	\$3,122	DS-3CXD	25.3	375	93.0	48/23.8	
	1800	575	256T	X20P2G	CD	FG	T3C	\$3,122	DS-3CXD	25.3	375	93.0	19	
	1200	230/460	286T	X20P3B	CD	FG	T3C	\$5,593	DS-3CXD	27.0	458	91.7	49/24.4	
25	3600	230/460	284TS	X25P1BS	CD	FG	T3C	\$4,208	DS-3CXD	25.6	350	91.7	57/28.7	
	1800	230/460	284T	X25P2B	CD	FG	T3C	\$3,685	DS-3CXD	27.0	286	93.6	58/28.9	
	1800	575	284T	X25P2G	CD	FG	T3C	\$3,685	DS-3CXD	27.0	390	93.6	23	
	1200	230/460	324T	X25P3B	CD	FG	T3C	\$6,707	DS-3CXD	30.7	575	93.0	61/31	
30	3600	230/460	286TS	X30P1BS	CD	FG	T3C	\$4,934	DS-3CXD	25.6	410	91.7	69/34	
	1800	230/460	286T	X30P2B	CD	FG	T3C	\$4,298	DS-3CXD	27.0	433	93.6	69/34	
	1800	575	286T	X30P2G	CD	FG	T3C	\$4,298	DS-3CXD	27.0	460	93.6	27.6	
	1200	230/460	326T	X30P3B	CD	FG	T3C	\$7,914	DS-3CXD	30.7	685	93.0	74/37	
40	3600	230/460	324TS	X40P1BS	CD	FG	T3C	\$6,426	DS-3CXD	29.2	564	92.4	90/45	
	1800	230/460	324T	X40P2B	CD	FG	T3C	\$5,656	DS-3CXD	30.7	590	94.1	90/45	
	1800	575	324T	X40P2G	CD	FG	T3C	\$5,656	DS-3CXD	30.7	575	94.1	36	
	1200	230/460	364T	X40P3B	CD	FG	T3C	\$10,476	DS-3CXD	32.3	725	94.1	92/46	
50	3600	230/460	326TS	X50P1BS	CD	FG	T3C	\$8,269	DS-3CXD	29.1	650	93.0	114/57	
	1800	230/460	326T	X50P2B	CD	FG	T3C	\$6,944	DS-3CXD	30.7	650	94.5	112/56	
	1800	575	326T	X50P2G	CD	FG	T3C	\$6,944	DS-3CXD	30.7	650	94.1	45	
	1200	230/460	365T	X50P3B	CD	FG	T3C	\$12,069	DS-3CXD	32.3	950	94.1	115/58	
60	3600	230/460	364TS	X60P1BS	CD	FG	T3C	\$10,848	DS-3CXD	30.1	750	93.6	136/68	
	1800	230/460	364T	X60P2B	CD	FG	T3C	\$9,924	DS-3CXD	32.3	810	95.0	136/68	
	1800	575	364T	X60P2G	CD	FG	T3C	\$9,924	DS-3CXD	32.3	725	95.0	54	
75	3600	230/460	365TS	X75P1BS	CD	FG	T3C	\$13,631	DS-3CXD	30.1	850	93.6	166/83	
	1800	230/460	365T	X75P2B	CD	FG	T3C	\$12,622	DS-3CXD	32.3	850	95.4	169/84	
	1800	575	365T	X75P2G	CD	FG	T3C	\$12,622	DS-3CXD	32.3	875	95.4	67	
100	1800	230/460	405T	X100P2B	CD	FG	T3C	\$14,501	DS-3CXD	36.5	1170	95.4	225/113	
	1800	575	405T	X100P2G	CD	FG	T3C	\$14,501	DS-3CXD	36.5	1225	95.4	90	
	1200	460	444T	X100P3C	D	FG	T3B	\$21,232	DS-3CXD	45.8	1485	95.0	124	
125	1800	460	444T	X125P2C	D	FG	T3B	\$17,910	DS-3CXD	45.8	1560	95.4	147	
	1800	575	444T	X125P2G	D	FG	T3B	\$17,910	DS-3CXD	45.8	1575	95.4	118	
150	1800	460	445T	X150P2C	D	FG	T3B	\$21,257	DS-3CXD	45.8	1625	95.8	171	
	1800	575	445T	X150P2G	D	FG	T3B	\$21,257	DS-3CXD	45.8	1800	95.8	137	
200	1800	460	447T	X200P2C	D	FG	T3B	\$25,899	DS-3CXD	49.4	2200	96.2	227	
	1800	575	447T	X200P2G	D	FG	T3B	\$25,899	DS-3CXD	49.4	2100	95.8	180	



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	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1/2	1800	230/460	56	Y12S2B	\$658	DS-3F	1.00	11.6	47	77.0	1.8-1.7/0.9	13,NNP
3/4	1800	230/460	56	Y34S2B	\$694	DS-3F	1.00	11.6	49	78.5	2.7/1.3	13,NNP
1	1800	230/460	143T	YC1P2B	\$872	DS-3CX	1.15	13.1	80	85.5	3/1.5	
	1200	230/460	145T	YC1P3B	\$1,022	DS-3CX	1.15	13.1	80	82.5	3.8/1.9	
	900	230/460	182T	YC1P4B	\$1,741	DS-3CX	1.15	16.1	90	75.5	4.8/2.4	
1 1/2	3600	230/460	143T	YC32P1B	\$913	DS-3CX	1.15	13.1	70	84.0	3.9/1.9	
	1800	230/460	145T	YC32P2B	\$917	DS-3CX	1.15	13.1	80	86.5	4.3/2.1	
	1200	230/460	182T	YC32P3B	\$1,106	DS-3CX	1.15	16.1	90	87.5	4.6/2.3	
	900	230/460	184T	YC32P4B	\$2,429	DS-3CX	1.15	16.1	110	78.5	6.1/3	
2	3600	230/460	145T	YC2P1B	\$1,017	DS-3CX	1.15	13.1	75	86.5	4.9/2.4	
	1800	230/460	145T	YC2P2B	\$980	DS-3CX	1.15	13.1	80	86.5	5.2/2.6	
	1200	230/460	184T	YC2P3B	\$1,281	DS-3CX	1.15	16.1	110	88.5	5.8/2.9	
	900	230/460	213T	YC2P4B	\$2,599	DS-3CX	1.15	20.0	145	84.0	8.1/4	
3	3600	230/460	182T	YC3P1B	\$1,147	DS-3CX	1.15	16.1	90	86.5	7.8/3.9	
	1800	230/460	182T	YC3P2B	\$1,149	DS-3CX	1.15	16.1	90	89.5	7.7/3.8	
	1200	230/460	213T	YC3P3B	\$1,643	DS-3CX	1.15	20.0	145	89.5	8.8/4.4	
	900	230/460	215T	YC3P4B	\$3,227	DS-3CX	1.15	20.0	170	85.5	11.9/5.9	
5	3600	230/460	184T	YC5P1B	\$1,445	DS-3CX	1.15	16.1	110	88.5	12.2/6.1	
	1800	230/460	184T	YC5P2B	\$1,279	DS-3CX	1.15	16.1	110	89.5	12.5/6.2	
	1200	230/460	215T	YC5P3B	\$2,184	DS-3CX	1.15	20.0	170	89.5	13.9/7	
	900	230/460	254T	YC5P4B	\$4,411	DS-3CX	1.15	25.0	300	86.5	18/9	
7 1/2	3600	230/460	213T	YC7P1B	\$1,683	DS-3CX	1.15	20.0	145	89.5	18.6/9.3	
	1800	230/460	213T	YC7P2B	\$1,757	DS-3CX	1.15	20.0	145	91.7	18.6/9.3	
	1200	230/460	254T	YC7P3B	\$2,919	DS-3CX	1.15	25.0	300	91.0	18.8/9.4	
	900	230/460	256T	YC7P4B	\$5,437	DS-3CX	1.15	25.0	375	86.5	23.3/11.7	
10	3600	230/460	215T	YC10P1B	\$2,129	DS-3CX	1.15	20.0	170	90.2	23.6/11.8	
	1800	230/460	215T	YC10P2B	\$2,084	DS-3CX	1.15	20.0	170	91.0	24.1/12	
	1200	230/460	256T	YC10P3B	\$3,804	DS-3CX	1.15	25.0	375	91.0	24.8/12.4	
	900	230/460	284T	YC10P4B	\$6,630	DS-3CX	1.15	27.4	390	89.5	28/14	
15	3600	230/460	254T	YC15P1B	\$2,851	DS-3CX	1.15	25.0	300	91.0	35/17.5	
	1800	230/460	254T	YC15P2B	\$2,735	DS-3CX	1.15	25.0	300	92.4	37/18.3	
	1200	230/460	284T	YC15P3B	\$4,714	DS-3CX	1.15	27.4	390	91.7	37/18.2	
20	3600	230/460	256T	YC20P1B	\$3,656	DS-3CX	1.15	25.0	375	91.0	46/23.1	
	1800	230/460	256T	YC20P2B	\$3,323	DS-3CX	1.15	25.0	375	93.0	47/23.5	
	1200	230/460	286T	YC20P3B	\$5,563	DS-3CX	1.15	27.4	460	91.7	49/24.4	
	900	230/460	324T	YC20P4B	\$9,870	DS-3CX	1.15	30.7	575	90.2	53/26.5	

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



GENERAL PURPOSE UNIMOUNT[™]
GENERAL PURPOSE STEEL EDGE[™]
GENERAL PURPOSE HOSTILE DUTY[™]
GENERAL PURPOSE CORRO-DUTY[™]
GENERAL PURPOSE 84 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[™]

GENERAL PURPOSE
UNIMOUNT®GENERAL PURPOSE
STEEL EDGE™GENERAL PURPOSE
HOSTILE DUTYGENERAL PURPOSE
CORRO-DUTY™GENERAL PURPOSE
841 PLUS™GENERAL PURPOSE
OPEN DRIPPROOFGENERAL PURPOSE
HAZARDOUS LOCATIONGENERAL PURPOSE
AUTOMOTIVE DUTYCOOLING TOWER
DUTYHAZARDOUS
LOCATIONC-FACE
MOTORSVARIABLE SPEED
MOTORS AND DRIVES

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

(continued)


NEMA
Premium

 FLC,
LCE

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
25	3600	230/460	284TS	YC25P1BS	\$4,457	DS-3CX	1.15	26.0	390	91.7	57/28.7	
	1800	230/460	284T	YC25P2B	\$3,981	DS-3CX	1.15	27.4	390	93.6	58/28.9	
	1200	230/460	324T	YC25P3B	\$6,956	DS-3CX	1.00	30.7	575	93.0	61/31	
	900	230/460	326T	YC25P4B	\$11,453	DS-3CX	1.15	30.7	650	90.2	66/33	
30	3600	230/460	286TS	YC30P1BS	\$4,835	DS-3CX	1.15	26.0	460	91.7	69/34	
	1800	230/460	286T	YC30P2B	\$4,671	DS-3CX	1.15	27.4	460	93.6	69/34	
	1200	230/460	326T	YC30P3B	\$8,236	DS-3CX	1.00	30.7	685	93.0	74/37	
40	3600	230/460	324TS	YC40P1BS	\$6,466	DS-3CX	1.15	29.2	550	92.4	90/45	
	1800	230/460	324T	YC40P2B	\$6,176	DS-3CX	1.15	30.7	590	94.1	90/45	
	1200	230/460	364T	YC40P3B	\$10,863	DS-3CX	1.15	33.1	725	94.1	92/46	
50	3600	230/460	326TS	YC50P1BS	\$8,520	DS-3CX	1.15	29.2	650	93.0	114/57	
	1800	230/460	326T	YC50P2B	\$7,639	DS-3CX	1.00	30.7	650	94.5	112/56	
	1200	230/460	365T	YC50P3B	\$12,414	DS-3CX	1.15	33.1	950	94.1	115/58	
60	3600	230/460	364TS	YC60P1BS	\$12,381	DS-3CX	1.15	30.9	750	93.6	136/68	
	1800	230/460	364T	YC60P2B	\$11,342	DS-3CX	1.15	33.1	810	95.0	136/68	
	1200	230/460	404T	YC60P3B	\$14,143	DS-3CX	1.00	38.0	1100	94.5	139/70	
75	3600	230/460	365TS	YC75P1BS	\$14,435	DS-3CX	1.15	30.9	850	93.6	166/83	
	1800	230/460	365T	YC75P2B	\$14,076	DS-3CX	1.00	33.1	850	95.4	169/84	
	1200	230/460	405T	YC75P3B	\$17,169	DS-3CX	1.00	38.0	1225	94.5	174/87	
100	1800	230/460	405T	YC100P2B	\$17,179	DS-3CX	1.15	38.0	1244	95.4	225/113	



General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Div. 1 Hazardous Location Dual & Single Label, C-Face



EF, LF

APPLICATIONS:

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

FEATURES:

For all Products Listed in this Section:

- UL[®] Listed & CSA[®] Certified
- Cast Iron Inner Bearing Caps (180 Frame and Larger)
- 40°C Ambient, NEMA[®] Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Bearings 180 Frame & Up
- Lifting Provisions, 180 Frame & Up
- Conversion Kits: Cast Iron Fan Cover (180 Frame & Up)
- Sealed Bearings 56-140, Shielded 180 Frame & Up
- Class, Group & Temp Code as Noted Below
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

For Catalog Numbers Beginning with "X" or "Y":

- Cast Iron Frame Except Where Noted
- Cast Iron End Brackets & Conduit Box
- Class F Insulation
- 1.00 Service Factor on 60 Hertz Sine Wave Power
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger on Pulley End for IP54 Protection
- Inverter Suitable: 2:1 Constant Torque, 10:1 Variable Torque

For Catalog Numbers Beginning with "XS":

- Aluminum End Brackets & Conduit Box
- Class B Insulation
- Steel Frame

Footless

HP	RPM	Voltage	Frame	Catalog Number	Class I Group	Class II Group	Temp Code	List	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1/3	1800	208-230/460 & 190/380	56C	XS13SA2DCR	CD	EFG	T3C	\$490	DS-3CXD	13.3	29	75.1	1.4-1.3/ 0.65&1.4/ 0.7	13,24
	1800	230/460	56C	Y13S2BCR	D	-	T2B	\$638	DS-3F	11.6	49	74.0	1.5/0.7	
1/2	1800	208-230/460	56C	XS12SA2DCR	CD	EFG	T3C	\$530	DS-3CXD	13.3	30	79.7	2.0-1.9/1.0	
	1800	230/460	56C	Y12S2BCR	D	-	T2B	\$672	DS-3F	11.6	48	77.0	1.7/0.9	
3/4	3600	208-230/460	56C	XS34S1ACR	CD	EFG	T3C	\$630	DS-3CXD	13.3	32	84.6	2.7-2.6/1.3	
	1800	208-230/460	56C	XS34SA2ACR	CD	EFG	T3C	\$601	DS-3CXD	14.3	32	84.5	2.8-2.9/1.4	13,24
	1800	230/460	56C	Y34S2BCR	D	-	T2B	\$708	DS-3F	11.6	55	78.5	2.7/1.3	
1	1800	208-230/460	143TC	XS1P2ACR	CD	EFG	T3C	\$760	DS-3CXD	15.3	42	85.5	3.3-3.3/1.6	
	1800	208-230/460	56C	XS1PA2ACR	CD	EFG	T3C	\$800	DS-3CXD	14.8	40	85.5	3.2-3.1/1.5	13,24
	1800	230/460	143TC	X1P2BCR	D	FG	T3B	\$779	DS-3CXD	13.3	60	85.5	3/1.5	
1 1/2	1800	208-230/460	143TC	XS32P2ACR	CD	EFG	T3C	\$838	DS-3CXD	15.8	50	86.5	4.9-4.8/2.4	
	1800	230/460	145TC	X32P2BCR	D	FG	T3B	\$852	DS-3CXD	13.3	75	86.5	4.3/2.1	
2	1800	208-230/460	145TC	XS2P2ACR	CD	EFG	T3C	\$910	DS-3CXD	15.8	45	86.5	6.2-6.0/3.0	
	1800	230/460	145TC	X2P2BCR	D	FG	T3B	\$925	DS-3CXD	13.3	75	86.5	5.2/2.6	
3	1800	230/460	182TC	X3P2BCR	D	FG	T3B	\$1,066	DS-3CXD	16.3	105	89.5	7.7/3.8	
5	1800	230/460	184TC	X5P2BCR	D	FG	T3B	\$1,216	DS-3CXD	16.3	118	89.5	12.5/6.2	
7 1/2	1800	230/460	213TC	X7P2BCR	D	FG	T3B	\$1,604	DS-3CXD	20.0	160	91.7	18.6/9.3	
10	1800	230/460	215TC	X10P2BCR	D	FG	T3B	\$1,906	DS-3CXD	20.0	190	91.7	23.9/12	
15	1800	230/460	254TC	X15P2BCR	D	FG	T3B	\$2,557	DS-3CXD	25.6	316	92.4	37/18.3	

Note 13 Steel Frame Construction
Note 24 Automatic Reset Thermal Protector Overload



GENERAL PURPOSE UNIMOUNT[™]
GENERAL PURPOSE STEEL EDGE
GENERAL PURPOSE HOSTILE DUTY
GENERAL PURPOSE CORRO-DUTY[™]
GENERAL PURPOSE 84 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

GENERAL PURPOSE
UNIMOUNT®GENERAL PURPOSE
STEEL EDGE®GENERAL PURPOSE
HOSTILE DUTYGENERAL PURPOSE
CORRO-DUTYGENERAL PURPOSE
841 PLUS®GENERAL PURPOSE
OPEN DRIPPROOFGENERAL PURPOSE
HAZARDOUS LOCATIONGENERAL PURPOSE
AUTOMOTIVE DUTYCOOLING TOWER
DUTYHAZARDOUS
LOCATIONC-FACE
MOTORSVARIABLE SPEED
MOTORS AND DRIVES

Special Application Close Coupled Pump Three Phase Div. 1 Hazardous Duty, Dual Label



APPLICATIONS:

For the specific requirements of centrifugal pumps located in hazardous locations as defined by Class and Group.

FEATURES:

- UL® Listed & CSA® Certified
- Cast Iron Frame, End Brackets & Conduit Box
- Stainless Steel Nameplate & Zinc Plated Hardware
- Cast Iron Inner Bearing Caps
- 40°C Ambient, NEMA® Design B Performance On 60 Hertz Sine Wave Power
- Class I Group D, Class II Group F&G, T3B
- Regreasable Bearings, Lifting Provisions
- Double Shielded Bearings
- 1.0 Service Factor at 60 Hertz
- Class F Insulation
- "JM" Shaft for Mechanical Seal
- Conversion Kits: Cast Iron Fan Cover

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
3	3600	230/460	182JM	XJ3P1BM	\$1,255	DS-3PT	1.00	18.4	90	86.5	7.8/3.9	
	1800	230/460	182JM	XJ3P2BM	\$1,122	DS-3PT	1.00	18.4	90	89.5	7.7/3.8	
5	3600	230/460	184JM	XJ5P1BM	\$1,546	DS-3PT	1.00	18.4	110	88.5	12.2/6.1	
	1800	230/460	184JM	XJ5P2BM	\$1,285	DS-3PT	1.00	18.4	110	89.5	12.5/6.2	
7 1/2	3600	230/460	213JM	XJ7P1BM	\$1,912	DS-3PT	1.00	21.0	145	89.5	18.6/9.3	
10	3600	230/460	215JM	XJ10P1BM	\$2,215	DS-3PT	1.00	21.0	170	90.2	23.6/11.8	



General Purpose Single Phase, Div.1 Hazardous Location Class I (Group C&D), Class II (Group E, F, & G)



APPLICATIONS:

For use on air compressors, pumps, conveyors, blowers and general industrial equipment located in hazardous areas.

FEATURES:

- UL[®] Listed & CSA[®] Certified
- Temperature Code T3C
- Class B Insulation
- Continuous Duty
- Totally Enclosed Fan Cooled Except Where Noted
- 40°C Ambient Rated
- F1 Assembly
- Automatic Reset Thermal Protector Overload
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

C-Face Footless

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Amps	Notes
1/4	1800	115/208-230&110/220	56C	XS14CA2JCR	\$482	DS-3FMP	1.00	11.9	32	5.1/2.5-2.5 & 5.6/2.8	28
1/3	3600	115/208-230	56C	XS13CA1JCR	\$614	DS-3FMP	1.00	13.3	29	8.0 / 3.6 - 4.0	
	1800	115/208-230	56C	XS13CA2JCR	\$537	DS-3FMP	1.00	12.8	32	6.8/3.3-3.4	
1/2	3600	115/208-230	56C	XS12CA1JCR	\$681	DS-3FMP	1.00	13.3	29	8.8/4.1-4.4	
	1800	115/208-230	56C	XS12CA2JCR	\$563	DS-3FMP	1.00	13.8	32	9.8/4.9-4.9	
3/4	3600	115/208-230	56C	XS34CA1JCR	\$728	DS-3FMP	1.00	13.3	32	10.4 / 5.3-5.2	
	1800	115/208-230	56C	XS34CA2JCR	\$630	DS-3FMP	1.00	14.3	32	12.6/6.3-6.3	
1	3600	115/208-230	56C	XS1CA1JCR	\$784	DS-3FMP	1.00	14.3	42	12.0/6.3-6.0	
	1800	115/208-230	56C	XS1CA2JCR	\$675	DS-3FMP	1.00	14.8	44	14.0/6.9-7.0	

Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Amps	Notes
1/4	1800	115/208-230&110/220	56	XS14CA2J	\$482	DS-3FMP	1.00	12.5	32	5.1/2.5-2.5&5.6/2.8	28
	1200	115/230	56	XS14CA3P	\$706	DS-3FMP	1.00	13.0	32	6.8/3.4	
1/3	3600	115/208-230	56	XS13CA1J	\$560	DS-3FMP	1.00	13.2	29	8.0/3.6-4.0	
	1800	115/208-230	56	XS13CA2J	\$512	DS-3FMP	1.00	12.7	32	6.8/3.3-3.4	
	1200	115/230	56	XS13CA3P	\$912	DS-3FMP	1.00	12.7	32	7.2/3.6	
1/2	3600	115/208-230	56	XS12CA1J	\$608	DS-3FMP	1.00	13.2	29	8.8/4.1-4.4	
	1800	115/208-230	56	XS12CA2J	\$563	DS-3FMP	1.00	13.2	32	9.8/4.9-4.9	
	1200	115/230	56H	XS12CA3P	\$1,053	DS-3FMP	1.00	14.2	32	10.0/5.0	
3/4	3600	115/208-230	56	XS34CA1J	\$608	DS-3FMP	1.00	13.2	32	10.4/5.3-5.2	
	1800	115/208-230	56	XS34CA2J	\$630	DS-3FMP	1.00	13.7	32	12.6/6.3-6.3	
1	3600	115/208-230	56	XS1CA1J	\$686	DS-3FMP	1.00	14.2	41	12.0/6.3-6.0	
	1800	115/208-230	56H	XS1CA2JH	\$714	DS-3FMP	1.00	14.2	32	14.0/6.9-7.0	

Note 28 TENV Enclosure



GENERAL PURPOSE UNIMOUNT™
 GENERAL PURPOSE STEEL EDGE™
 GENERAL PURPOSE HOSTILE DUTY™
 GENERAL PURPOSE CORRO-DUTY™
 GENERAL PURPOSE 84H 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™