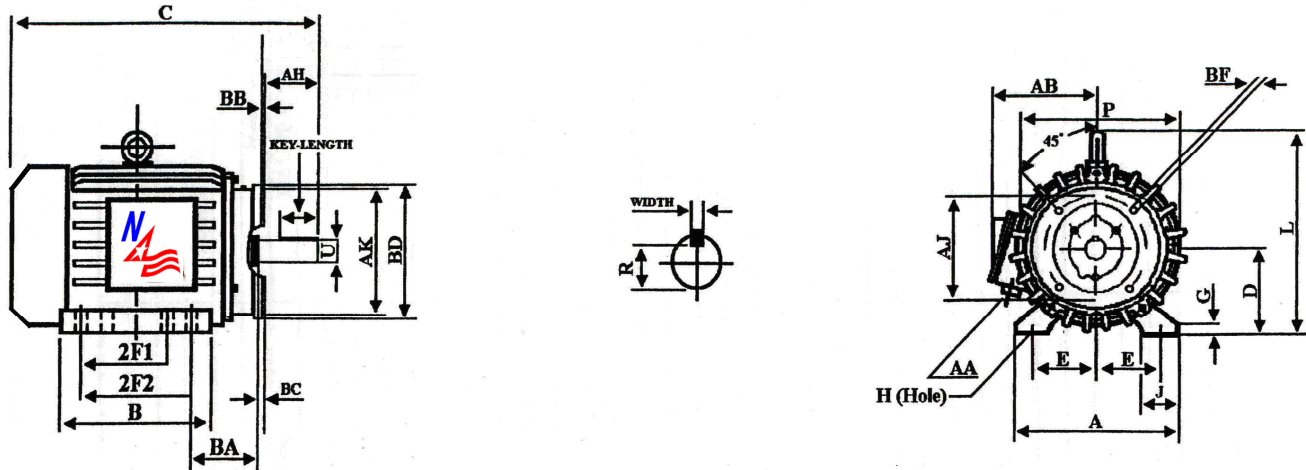


# XP1203C

## C-Face General Purpose Explosion Proof Motors

Class I, Division I, Groups C & D and Class II, Division I, Groups E, F and G - Operating Temperature Code: T3C



### DIMENSIONS – INCHES

MOUNTING					A	B	C	D	G	J	P	L	BC	AH	AB	AA
E	2F1	2F2	H	BA												
4.25	5.5	7	0.4	4.25	10.5	8.7	20.3	5.25	0.8	2.4	11.4	12.5	+0.25	3.12	10	1
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH		AK	AJ	BF		BB	BD	N-W		U				
0.312		2.41				1.201				8.5 7.25			1/2-13		0.25 9	

### PERFORMANCE DATA

Three Phase – 60Hz - 208-230/460V – NEMA Design B - Max. Ambient: 40° C

HP	Speed	Frame	NEMA Code	Efficiency (%)			Power Factor			Torque (ft-lb)		
				100%	75%	50%	100%	75%	50%	FLT	BDT	LRT
3	1175	213TC	K	87.5	87.9	86.5	0.770	0.700	0.575	13.41	31.7	21.6
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
4.1	32	6308-ZZ	6308-ZZ	F	TEFC	1.15	219					



North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632

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**50Hz AND 60Hz DATA FOR 3 PHASE AC INDUCTION MOTOR AS IT APPEARS ON THE NAMEPLATE.**

## **XP1203C**

<b>CAT. NO: XP1203C</b>		<b>FRAME: 213TC</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6308-ZZ</b>				<b>OPP/END BRG: 6308-ZZ</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 219LBS</b>	
<b>USABLE ON 208V 60HZ AT: 9.1 MAX. AMPS</b>						<b>SER:</b>	
<b>DIVISION I, CLASS I, GROUPS C &amp; D CLASS II, GROUPS E, F &amp; G</b>						<b>OP TEMP CODE: T3C</b>	
<b>60 HERTZ DATA</b>	<b>HP: 3 RPM: 1175</b>			<b>HP: 3 RPM: 970</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 8.2/4.1</b>			<b>F. L. AMPS: 9.44/4.72</b>			
	<b>S.F. AMPS: 9.4/4.7</b>			<b>S.F. AMPS: 9.44/4.72</b>			
	<b>S.F. 1.15</b>	<b>DESIGN: B</b>	<b>CODE: K</b>	<b>S.F. 1.0</b>	<b>DESIGN:</b>	<b>CODE: L</b>	
	<b>NEMA NOM. EFF: 87.5%</b>			<b>NEMA NOM. EFF: 85.5%</b>			
	<b>NOM. P. F.: 0.770</b>			<b>NOM. P. F.: 0.828</b>			
	<b>NEMA MIN. EFF.: 85.5%</b>			<b>NEMA MIN. EFF.: 82.5%</b>			
	<b>MAX. KVAR: 2.01</b>			<b>MAX. KVAR: 1.40</b>			

**Note: F.L. = Full Load      P.F. = Power Factor      S.F. = Service Factor**



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