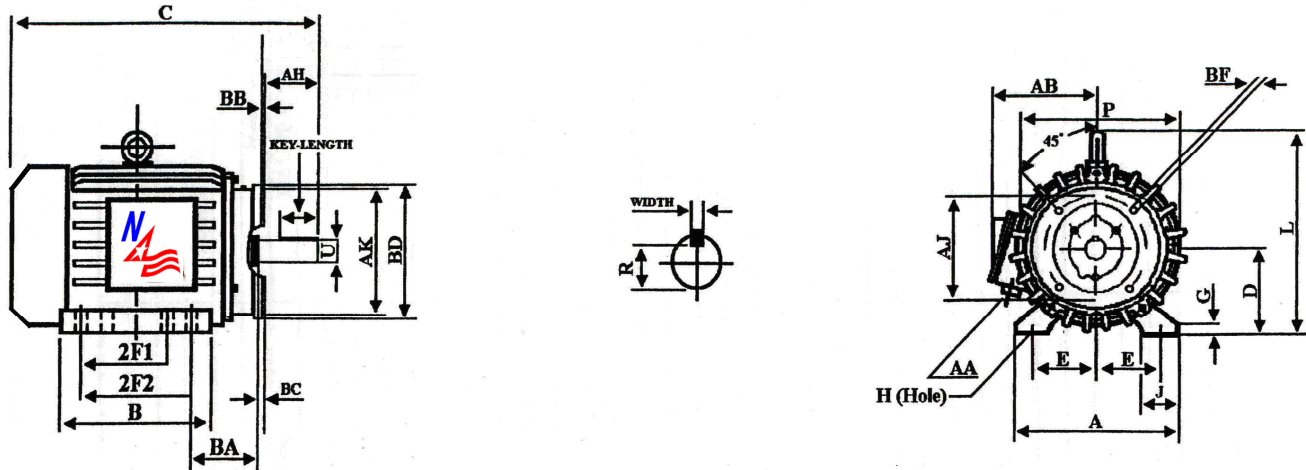


# XP1210C

## 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												
5	8.25	10	0.5	4.75	12.5	12.5	26.2	6.25	0.9	2.8	14.1	15.8	+0.25	3.75	13.6	1.25
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH	LENGTH				AK	AJ	BF	BB	BD	N-W	U					
0.375	2.91		1.416		8.5	7.25	1/2-13	0.25	10	4	1.625					

### 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
10	1175	256TC	H	89.5	90.6	90.5	0.803	0.804	0.706	44.7	92.1	69.6
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
13.1	81	6309	6309	F	TEFC	1.15	370					



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

Toll Free: 1-800-884-0405 Phone: 662-429-8049 Fax: 662-429-8546

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

## **XP1210C**

<b>CAT. NO: XP1210C</b>		<b>FRAME: 256TC</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6309</b>				<b>OPP/END BRG: 6309</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 370LBS</b>	
<b>USABLE ON 208V 60HZ AT: 29.0 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: 10 RPM: 1175</b>			<b>HP: 10 RPM: 965</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 26.2/13.1</b>			<b>F. L. AMPS: 30.2/15.1</b>			
	<b>S.F. AMPS: 29.6/14.8</b>			<b>S.F. AMPS: 30.2/15.1</b>			
	<b>S.F. 1.15</b>	<b>DESIGN: B</b>	<b>CODE: H</b>	<b>S.F. 1.0</b>	<b>DESIGN:</b>	<b>CODE: H</b>	
	<b>NEMA NOM. EFF: 89.5%</b>			<b>NEMA NOM. EFF: 87.5%</b>			
	<b>NOM. P. F.: 0.803</b>			<b>NOM. P. F.: 0.862</b>			
	<b>NEMA MIN. EFF.: 87.5%</b>			<b>NEMA MIN. EFF.: 85.5%</b>			
	<b>MAX. KVAR: 4.77</b>			<b>MAX. KVAR: 3.07</b>			

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



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