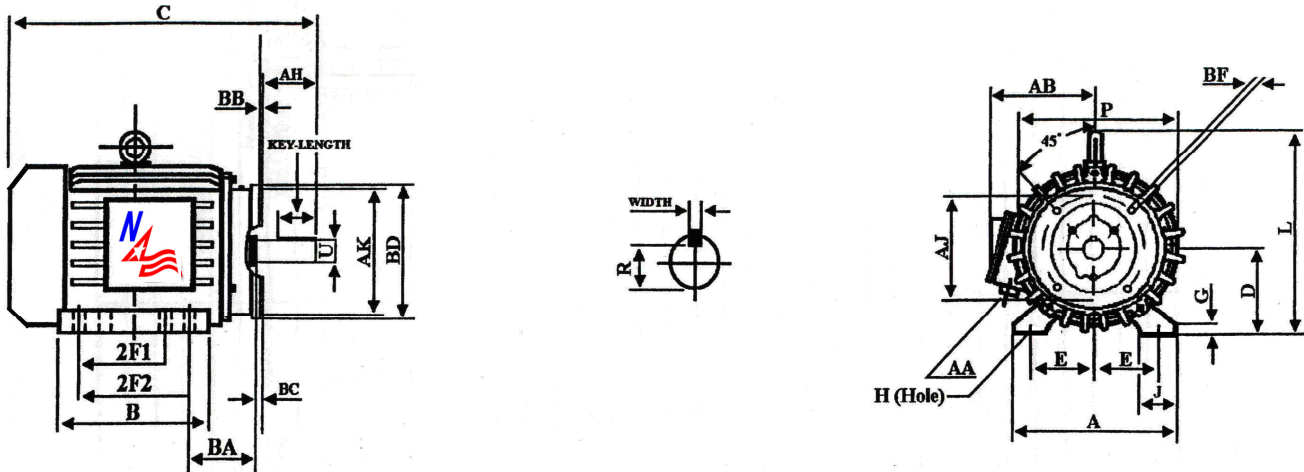


# XP36100C

## 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	20	17.8	35.6	10	1.2	3.2	21.6	24.2	+0.25	4	18.7	3
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH		AK	AJ	BF	BB	BD	N-W	U						
0.5		2.78		1.845	12.5	11	5/8-11	0.25	15.5	4.25	2.125					

### 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
100	3570	405TSC	G	93.6	94.1	93.9	0.913	0.921	0.885	147.11	302	162
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
110.1	725	6313	6313	F	TEFC	1.15	1346					



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.**

## **XP36100C**

<b>CAT. NO: XP36100C</b>		<b>FRAME: 405TSC</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6313</b>				<b>OPP/END BRG: 6313</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 1346LBS</b>	
<b>USABLE ON 208V 60HZ AT: 243.5 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: 100 RPM: 3570</b>			<b>HP: 100 RPM: 2960</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 220.2/110.1</b>			<b>F. L. AMPS: 268.4/134.2</b>			
	<b>S.F. AMPS: 255.0/127.5</b>			<b>S.F. AMPS: 268.4/134.2</b>			
	<b>S.F. 1.15</b>	<b>DESIGN: B</b>	<b>CODE: G</b>	<b>S.F. 1.0</b>	<b>DESIGN:</b>	<b>CODE: H</b>	
	<b>NEMA NOM. EFF: 93.6%</b>			<b>NEMA NOM. EFF: 92.4%</b>			
	<b>NOM. P. F.: 0.913</b>			<b>NOM. P. F.: 0.919</b>			
	<b>NEMA MIN. EFF.: 92.4%</b>			<b>NEMA MIN. EFF.: 91.0%</b>			
	<b>MAX. KVAR: 18.1</b>			<b>MAX. KVAR: 12.9</b>			

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



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