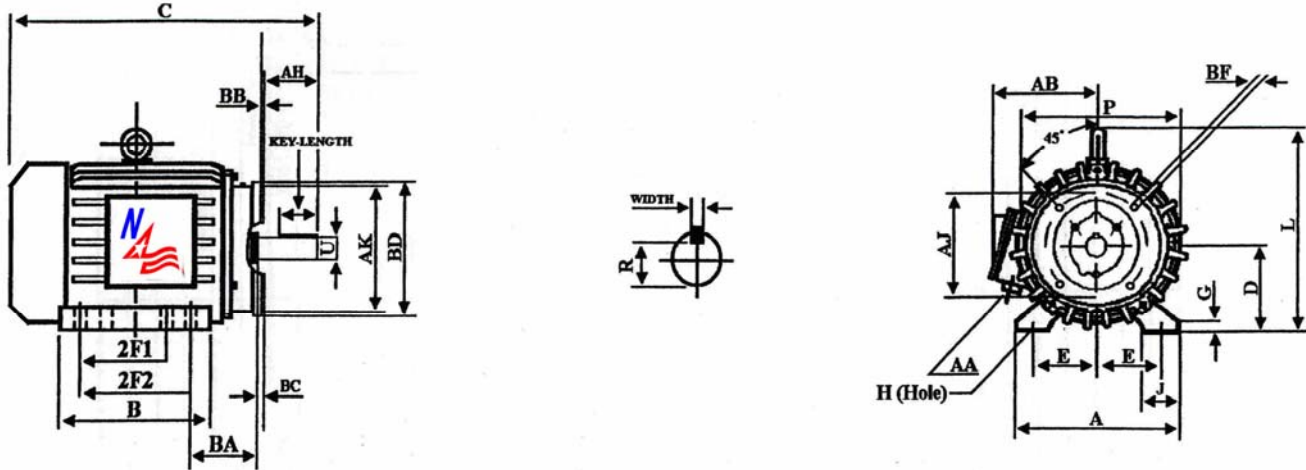


# XP3602C

## 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												
5.5	4	5	0.3	2.75	7	6.9	14.6	3.5	0.5	1.4	7.5	9.2	+0.12	2.12	6.9	0.75
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH	LENGTH				AK	AJ	BF	BB	BD	N-W	U					
0.188	1.41				0.771	4.5	5.9	3/8-16	0.16	6.5	2.25	0.875				

### 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
2	3510	145TC	K	84.0	86.6	86.0	0.870	0.842	0.743	2.99	9.4	5.3
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
2.58	25	6205-ZZ	6205-ZZ	F	TEFC	1.15	75					



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.**

## **XP3602C**

<b>CAT. NO: XP3602C</b>		<b>FRAME: 145TC</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6205-ZZ</b>				<b>OPP/END BRG: 6205-ZZ</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 75LBS</b>	
<b>USABLE ON 208V 60HZ AT: 5.71 MAX. AMPS</b>						<b>SER:</b>	
<b>DIVISION I, CASS 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: 2 RPM: 3510</b>			<b>HP: 2 RPM: 2875</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 5.16/2.58</b>			<b>F. L. AMPS: 6.08/3.04</b>			
	<b>S.F. AMPS: 5.9/2.95</b>			<b>S.F. AMPS: 6.08/3.04</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: M</b>	
	<b>NEMA NOM. EFF: 84.0%</b>			<b>NEMA NOM. EFF: 82.5%</b>			
	<b>NOM. P. F.: 0.87</b>			<b>NOM. P. F.: 0.909</b>			
	<b>NEMA MIN. EFF.: 81.5%</b>			<b>NEMA MIN. EFF.: 80.0%</b>			
	<b>MAX. KVAR: 0.91</b>			<b>MAX. KVAR: 0.64</b>			

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



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