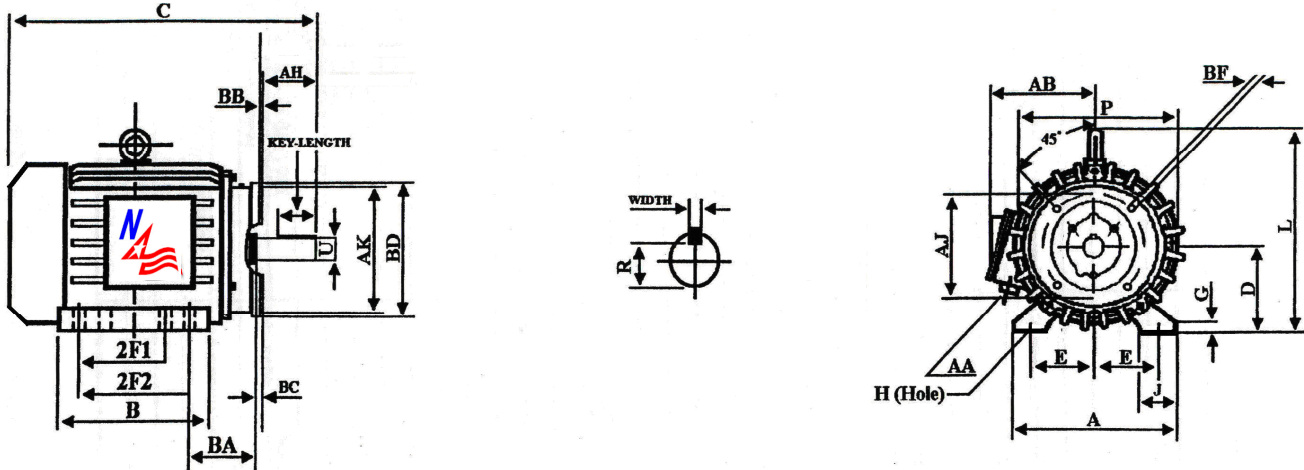


# XP3675C

## 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	18	16.2	33.3	9	1.1	3	19.5	21.5	+0.25	3.5	16.5	3
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH		AK	AJ	BF	BB	BD	N-W	U						
0.5		2.03		1.591	12.5	11	5/8-11	0.25	14	3.75	1.875					

### 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
75	3555	365TSC	G	93.0	93.7	93.3	0.910	0.914	0.870	110.80	226.0	121.0
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
82.5	542	6313	6313	F	TEFC	1.15	922					



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.**

## **XP3675C**

<b>CAT. NO: XP3675C</b>		<b>FRAME: 365TSC</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: 922LBS</b>	
<b>USABLE ON 208V 60HZ AT: 182.5 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: 75 RPM: 3555</b>			<b>HP: 75 RPM: 2955</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 165.0/82.5</b>			<b>F. L. AMPS: 197.8/98.9</b>			
	<b>S.F. AMPS: 189.8/94.9</b>			<b>S.F. AMPS: 197.8/98.9</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: 93.0%</b>			<b>NEMA NOM. EFF: 92.4%</b>			
	<b>NOM. P. F.: 0.91</b>			<b>NOM. P. F.: 0.914</b>			
	<b>NEMA MIN. EFF.: 91.7%</b>			<b>NEMA MIN. EFF.: 91.0%</b>			
	<b>MAX. KVAR: 15.4</b>			<b>MAX. KVAR: 12.1</b>			

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



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