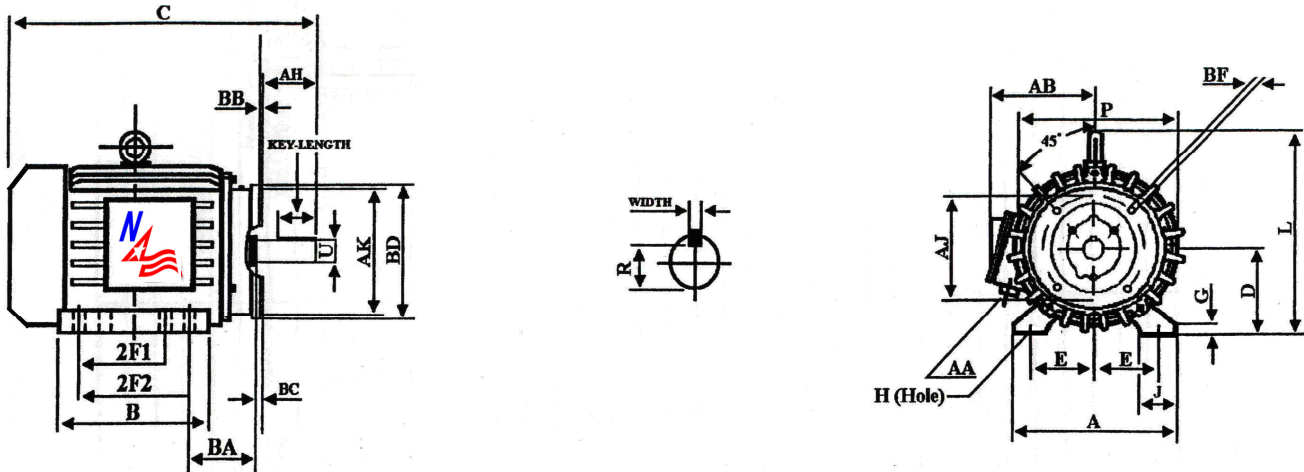


# XP3630C

## 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	9.5	11	0.5	4.75	14	14	28.2	7	0.9	2.8	15.8	17.6	+0.25	3	14.3	1.5
KEY			KEYSET R		FLANGE						SHAFT EXTENSION					
WIDTH		LENGTH			AK	AJ	BF		BB	BD	N-W		U			
0.375		1.91			1.416	10.5	9	1/2-13		0.25	11.25		3.25	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
30	3545	286TSC	G	91.0	92.4	92.3	0.911	0.924	0.884	44.45	91.6	60.3
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
33.3	217	6310	6310	F	TEFC	1.15	528					



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[www.naemotors.com](http://www.naemotors.com)



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

## **XP3630C**

<b>CAT. NO: XP3630C</b>		<b>FRAME: 286TSC</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6310</b>				<b>OPP/END BRG: 6310</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 528LBS</b>	
<b>USABLE ON 208V 60HZ AT: 73.6 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: 30 RPM: 3545</b>			<b>HP: 30 RPM: 2930</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 66.6/33.3</b>			<b>F. L. AMPS: 139.2/69.6</b>			
	<b>S.F. AMPS: 77.2/38.6</b>			<b>S.F. AMPS: 139.2/69.6</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: 91.0%</b>			<b>NEMA NOM. EFF: 89.5%</b>			
	<b>NOM. P. F.: 0.911</b>			<b>NOM. P. F.: 0.924</b>			
	<b>NEMA MIN. EFF.: 89.5%</b>			<b>NEMA MIN. EFF.: 87.5%</b>			
	<b>MAX. KVAR: 5.81</b>			<b>MAX. KVAR: 4.91</b>			

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



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