

## XP3610

### General Purpose Explosion Proof Motor

Class I, Division I, Groups C & D and Class II, Division I, Groups E, F and G - Operating Temperature Code: T3C



#### DIMENSIONS – INCHES

A	B	C	D	E	2F1	2F2	G	H	J	O
10.5	8.7	20.3	5.25	4.25	5.5	7	0.8	0.4	2.4	12.0
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
11.4	1.201	0.312	2	1.375	2.41	1	10	3.5	3.38	F1

#### 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	3530	215T	H	89.5	90.4	90.3	0.876	0.912	0.868	14.88	30.8	21
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
12.0	81	6308-ZZ	6308-ZZ	F	TEFC	1.15	282					



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.**

## **XP3610**

<b>CAT. NO: XP3610</b>		<b>FRAME: 215T</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6308-ZZ</b>				<b>OPP/END BRG: 6308-ZZ</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 282LBS</b>	
<b>USABLE ON 208V 60HZ AT: 26.5 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: 10 RPM: 3530</b>			<b>HP: 10 RPM: 2915</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 24.0/12.0</b>			<b>F. L. AMPS: 28.2/14.1</b>			
	<b>S.F. AMPS: 27.4/13.7</b>			<b>S.F. AMPS: 28.2/14.1</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.: 0.876</b>			<b>NOM. P. F.: 0.924</b>			
	<b>NEMA MIN. EFF.: 87.5%</b>			<b>NEMA MIN. EFF.: 85.5%</b>			
	<b>MAX. KVAR: 2.53</b>			<b>MAX. KVAR: 1.98</b>			

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



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