

# XP1215

## 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
14	14	29.6	7	5.5	9.5	11	0.9	0.5	2.8	15.2
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
15.8	1.591	0.5	2.4	1.875	3.28	1.5	14.3	4.75	4.62	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
15	1175	284T	G	90.2	92.2	92.0	0.841	0.819	0.728	67.05	138	97.6
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
18.2	116	6310	6310	F	TEFC	1.15	495					



North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632

Toll Free: 1-800-884-0405 Phone: 662-429-8049 Fax: 662-429-8546

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



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

## **XP1215**

CAT. NO: XP1215		FRAME: 284T		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6310				OPP/END BRG: 6310			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 495LBS	
USABLE ON 208V 60HZ AT:    MAX. AMPS						SER:	
DIVISION I, CLASS I, GROUPS C & D CLASS II, GROUPS E, F & G						OP TEMP CODE: T3C	
60 HERTZ DATA	HP: 15    RPM: 1175			HP: 15    RPM: 970			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 36.4/18.2			F. L. AMPS: 43.8/21.9			
	S.F. AMPS: 41.6/20.8			S.F. AMPS: 43.8/21.9			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 90.2%			NEMA NOM. EFF: 88.5%			
	NOM. P. F.: 0.841			NOM. P. F.: 0.862			
	NEMA MIN. EFF.: 88.5%			NEMA MIN. EFF.: 86.5%			
	MAX. KVAR: 5.73			MAX. KVAR: 4.16			

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



**North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632**

**Toll Free: 1-800-884-0405 Phone: 662-429-8049 Fax: 662-429-8546**

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