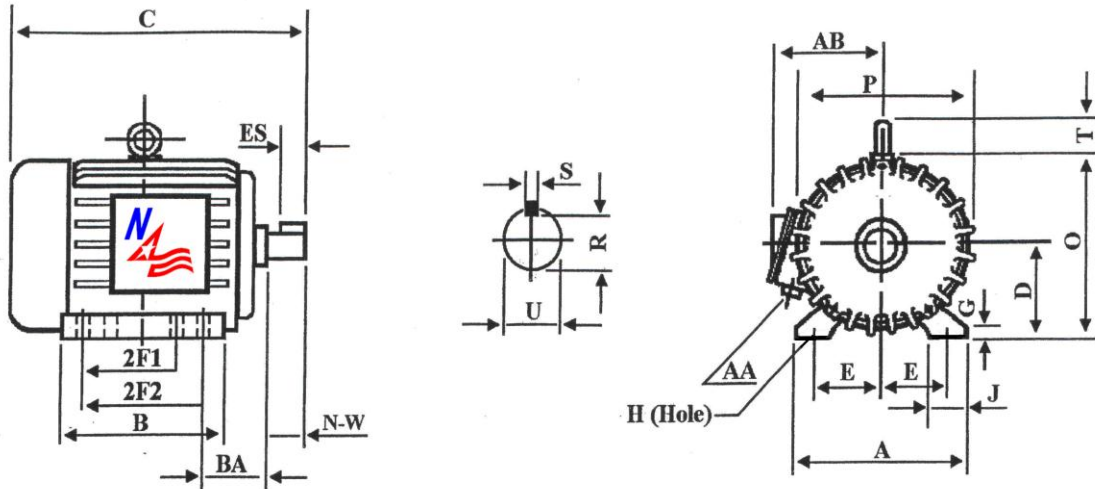


## PEXP364T-60-4

### Premium Efficient 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
18	16.2	35.5	9	14	11.25	12.25	1.1	0.7	3	19
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
19.5	2.021	0.625	2.5	2.375	4.28	3	16.5	5.88	5.88	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%
60	1786	364T	G	94.2	94.9	93.8	85.0	83.0	77.6	176	200	140
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
66.5	435	6314	6314	F	TEFC	1.15	891					



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

## **XP1860**

CAT. NO: XP1860		FRAME: 364T		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6313				OPP/END BRG: 6313			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 968LBS	
USABLE ON 208V 60HZ AT: 148.4 MAX. AMPS						SER:	
DIVISION I, CASS I, GROUPS C & D CLASS II, GROUPS E, F & G						OP TEMP CODE: T3C	
60 HERTZ DATA	HP: 60 RPM: 1780			HP: 60 RPM: 1470			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 134.2/67.1			F. L. AMPS: 164.8/82.4			
	S.F. AMPS: 154.4/77.2			S.F. AMPS: 164.8/82.4			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 93.6%			NEMA NOM. EFF: 92.4%			
	NOM. P. F.: 0.90			NOM. P. F.: 0.898			
	NEMA MIN. EFF.: 92.4%			NEMA MIN. EFF.: 91.0%			
	MAX. KVAR: 14.0			MAX. KVAR: 11.6			

**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**

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