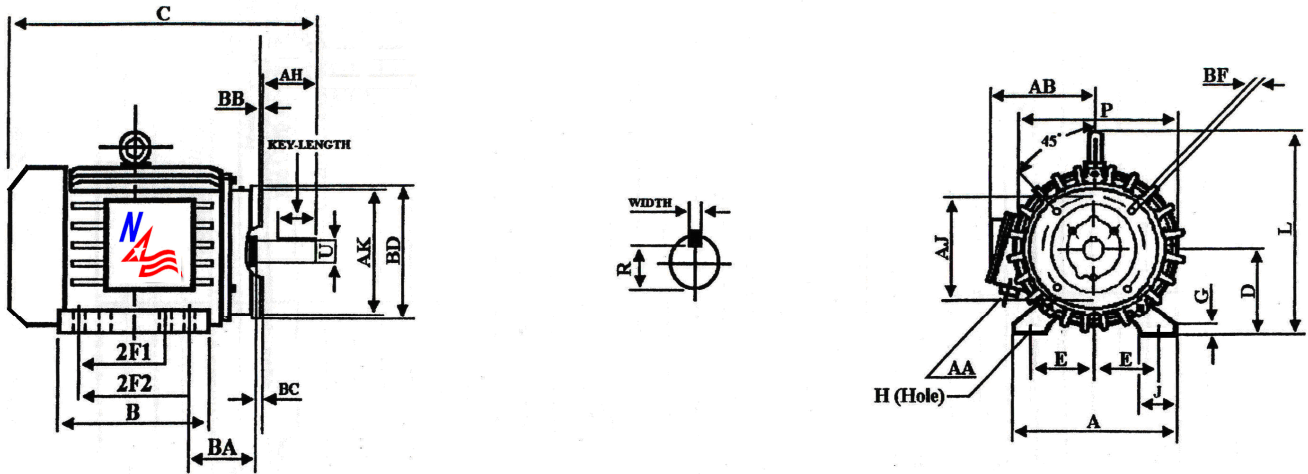


XP18250C

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

MOUNTING					A	B	C	D	G	J	P	L	BC	AH	AB	AA
E	2F1	2F2	H	BA												
9	20	25	0.81	7.5	22	31	55.5	11	1.4	3.7	24	28	+0.25	8.25	19.7	3
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH	LENGTH		R		AK	AJ	BF	BB	BD	N-W	U					
0.875	6.91		2.88		16	14	5/8-11	0.25	18	8.5	3.375					

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
250	1785	449TC	G	95.0	95.8	95.4	0.894	0.906	0.865	719.95	1287	605
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
273.4	1825.0	6318	6318	F	TEFC	1.15	2560					



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



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

XP18250C

CAT. NO: XP18250C		FRAME: 449TC		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6318				OPP/END BRG: 6318			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 2560LBS	
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: 250 RPM: 1785			HP: 250 RPM: 1480			50 HERTZ DATA
	VOLTAGE: 460V			VOLTAGE: 380V			
	F. L. AMPS: 273.4			F. L. AMPS: 330.2			
	S.F. AMPS: 314.4			S.F. AMPS: 330.2			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 95.0%			NEMA NOM. EFF: 94.1%			
	NOM. P. F.: 0.894			NOM. P. F.: 0.905			
	NEMA MIN. EFF.: 94.1%			NEMA MIN. EFF.: 93.0%			
	MAX. KVAR: 51.3			MAX. KVAR: 36.1			

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