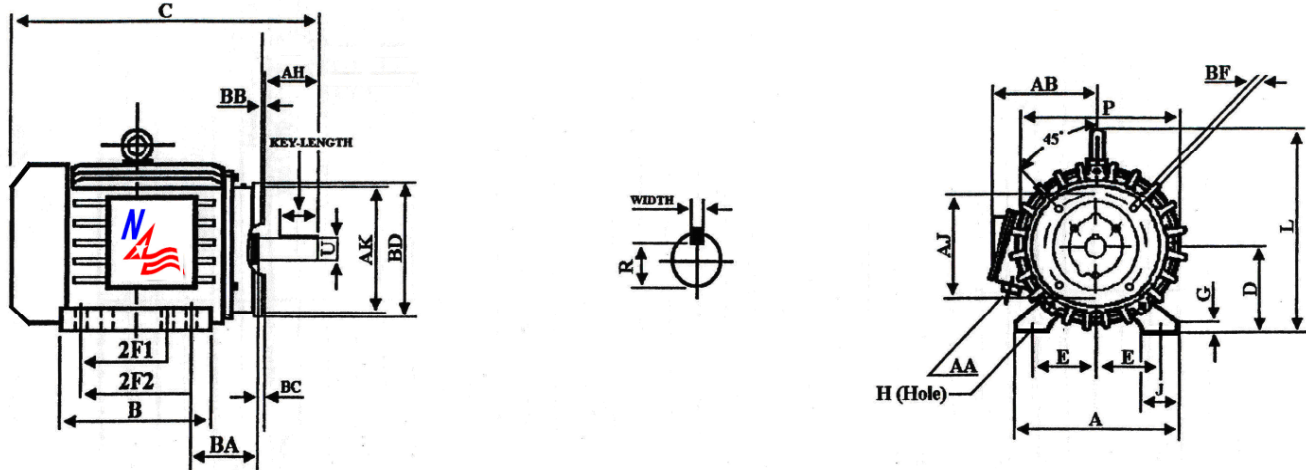


XP18125C

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												
9	14.5	16.5	0.8	7.5	22	22.4	47	11	1.4	3.7	24	27	+0.25	8.25	19.7	3
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH			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 - 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
125	1785	444TC	G	94.5	95.2	95.0	0.886	0.897	0.854	367.79	756	424
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
134.9	907	6318	6314	F	TEFC	1.15	1684					



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.

XP18125C

CAT. NO: XP18125C		FRAME: 444TC		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6318				OPP/END BRG: 6318			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 1684LBS	
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: 125 RPM: 1785			HP: 125 RPM: 1480			50 HERTZ DATA
	VOLTAGE: 460V			VOLTAGE: 380V			
	F. L. AMPS: 134.1			F. L. AMPS: 161.9			
	S.F. AMPS: 154.2			S.F. AMPS: 161.9			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 94.5%			NEMA NOM. EFF: 93.6%			
	NOM. P. F.: 0.891			NOM. P. F.: 0.902			
	NEMA MIN. EFF.: 93.6%			NEMA MIN. EFF.: 92.4%			
	MAX. KVAR: 22.9			MAX. KVAR: 19.5			

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



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