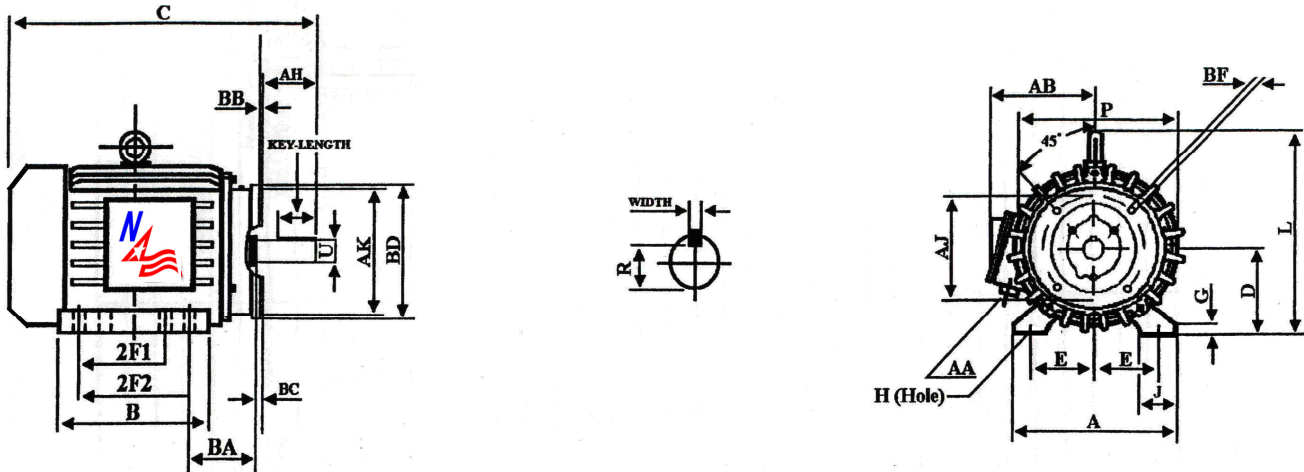


XP1220C

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												
5.5	9.5	11	0.5	4.75	14	14	29.6	7	0.9	2.8	15.8	17.6	+0.25	4.38	14.3	1.5
KEY			KEYSET R	FLANGE				SHAFT EXTENSION								
WIDTH	LENGTH			AK	AJ	BF	BB	BD	N-W	U						
0.5	3.28		1.591	10.5	9	1/2-13	0.25	11.25	4.62	1.875						

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
20	1175	286TC	G	90.2	92.5	92.6	0.859	0.841	0.764	89.4	184	126
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
24.3	145	6310	6310	F	TEFC	1.15	519					



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.

XP1220C

CAT. NO: XP1220C		FRAME: 286TC		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6310				OPP/END BRG: 6310			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 519LBS	
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: 20 RPM: 1175			HP: 20 RPM: 965			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 48.6/24.3			F. L. AMPS: 59.8/29.9			
	S.F. AMPS: 56.2/28.1			S.F. AMPS: 59.8/29.9			
	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.: 0.859			NOM. P. F.: 0.861			
	NEMA MIN. EFF.: 88.5%			NEMA MIN. EFF.: 86.5%			
	MAX. KVAR: 6.29			MAX. KVAR: 4.91			

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