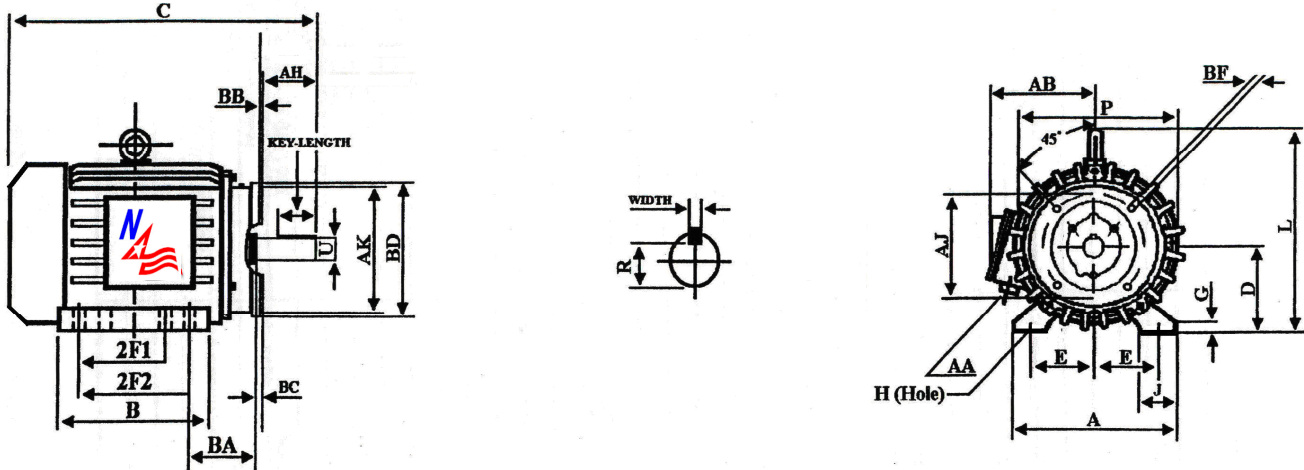


XP1860C

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	18	16.2	35.5	9	1.1	3	19.5	21.5	+0.25	5.62	16.5	3
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH		AK	AJ	BF	BB	BD	N-W	U						
0.625		4.28		2.021	12.5	11	5/8-11	0.25	14	5.88	2.375					

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
60	1780	364TC	G	93.6	94.0	93.8	0.900	0.879	0.822	177.03	364	257
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
67.1	435	6313	6313	F	TEFC	1.15	968					



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

XP1860C

CAT. NO: XP1860C		FRAME: 364TC		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, CLASS 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



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