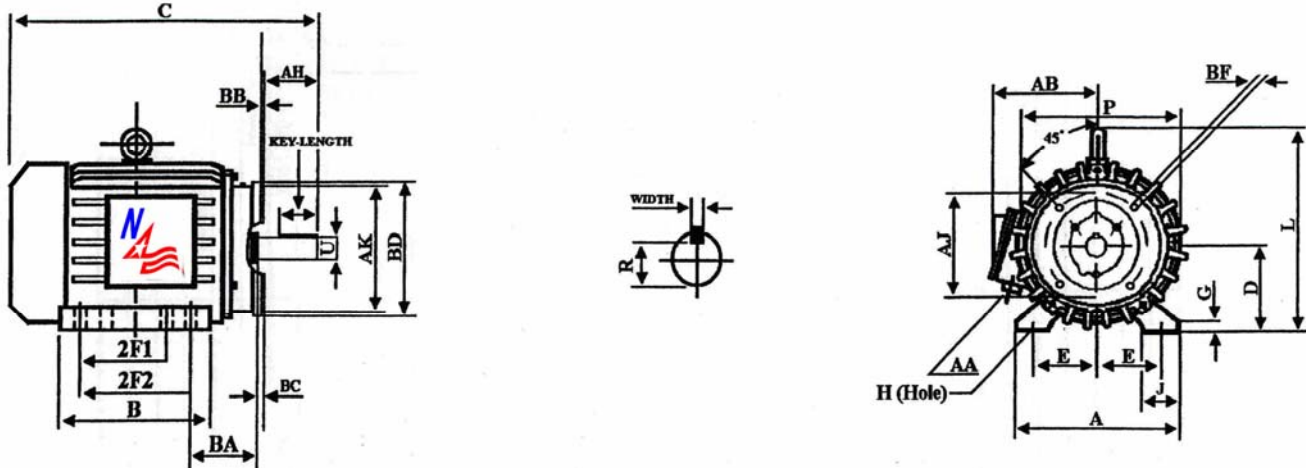


XP1803C

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												
7.5	4.5	5.5	0.4	3.5	9	8	17.1	4.5	0.7	1.8	9.8	10.6	+0.12	2.62	8.3	0.75
KEY			KEYSET R	FLANGE				SHAFT EXTENSION								
WIDTH		LENGTH		AK	AJ	BF	BB	BD	N-W	U						
0.25		1.78	0.986	8.5	7.3	1/2-13	0.25	9	2.75	1.125						

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
3	1768	182TC	K	87.5	87.9	86.8	0.830	0.764	0.643	8.91	23.1	19.9
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
3.8	32	6306-ZZ	6306-ZZ	F	TEFC	1.15	121					



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

XP1803C

CAT. NO: XP1803C		FRAME: 182TC		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6306-ZZ				OPP/END BRG: 6306-ZZ			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 121LBS	
USABLE ON 208V 60HZ AT: 8.4 MAX. AMPS						SER:	
DIVISION I, CASS I, GROUPS C & D CLASS II, GROUPS E, F & G						OP TEMP CODE: T3C	
60 HERTZ DATA	HP: 3 RPM: 1768			HP: 3 RPM: 1450			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 7.6/3.8			F. L. AMPS: 9.0/4.5			
	S.F. AMPS: 8.7/4.4			S.F. AMPS: 9.0/4.5			
	S.F. 1.15	DESIGN: B	CODE: K	S.F. 1.0	DESIGN:	CODE: L	
	NEMA NOM. EFF: 87.5%			NEMA NOM. EFF: 85.5%			
	NOM. P. F.: 0.83			NOM. P. F.: 0.87			
	NEMA MIN. EFF.: 85.5%			NEMA MIN. EFF.: 82.5%			
	MAX. KVAR: 1.48			MAX. KVAR: 1.19			

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



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