

XP36300

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

A	B	C	D	E	2F1	2F2	G	H	J	O
22	31	42.1	11	9.0	20.0	25.0	1.4	0.81	3.7	23.5
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
24	2.021	0.625	4.25	2.375	3.03	3	21.3	7.5	4.75	F1

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
300	3570	449TS	G	95.4	95.9	95.6	89.0	90.8	87.5	433	909.3	519.6
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
325.3	1818	6314	6314	F	TEFC	1.15	2570					



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.

XP36300

CAT. NO: XP36300		FRAME: 449TS		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6314				OPP/END BRG: 6314			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 2570 LBS	
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: 300 RPM: 3570			HP: 300 RPM: 2975			50 HERTZ DATA
	VOLTAGE: 460V			VOLTAGE: 380V			
	F. L. AMPS: 325.3			F. L. AMPS: 389.5			
	S.F. AMPS: 374.1			S.F. AMPS: 389.5			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 95.4%			NEMA NOM. EFF: 94.5%			
	NOM. P. F.: 0.890			NOM. P. F.: 0.908			
	NEMA MIN. EFF.: 94.5%			NEMA MIN. EFF.: 93.6%			
	MAX. KVAR: 57.5			MAX. KVAR: 46.1			

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



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