

XP3660

General Purpose Explosion Proof Motor

Class I, Division I, Groups C & D and Class II, Division II, Groups E, F and G - Operating Temperature Code: T3C



DIMENSIONS – INCHES

A	B	C	D	E	2F1	2F2	G	H	J	O
18	16.2	33.3	9	7.0	11.25	12.25	1.1	0.7	3	19
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
19.5	1.591	0.5	2.5	1.875	2.03	3	16.5	5.88	3.75	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
60	3555	364TS	G	93.0	93.3	92.9	0.910	0.909	0.861	88.64	181.0	111.0
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
66.5	435	6313	6313	F	TEFC	1.15	874					



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.

XP3660

CAT. NO: XP3660		FRAME: 364TS		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6313				OPP/END BRG: 6313			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 874LBS	
USABLE ON 208V 60HZ AT: 147.1 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: 3555			HP: 60 RPM: 2955			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 133.0/66.5			F. L. AMPS: 163.6/81.8			
	S.F. AMPS: 153.0/76.5			S.F. AMPS: 163.6/81.8			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 93.0%			NEMA NOM. EFF: 91.7%			
	NOM. P. F.: 0.91			NOM. P. F.: 0.911			
	NEMA MIN. EFF.: 91.7%			NEMA MIN. EFF.: 90.2%			
	MAX. KVAR: 13.5			MAX. KVAR: 10.5			

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



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