



PE587UZ-350-6C-BB

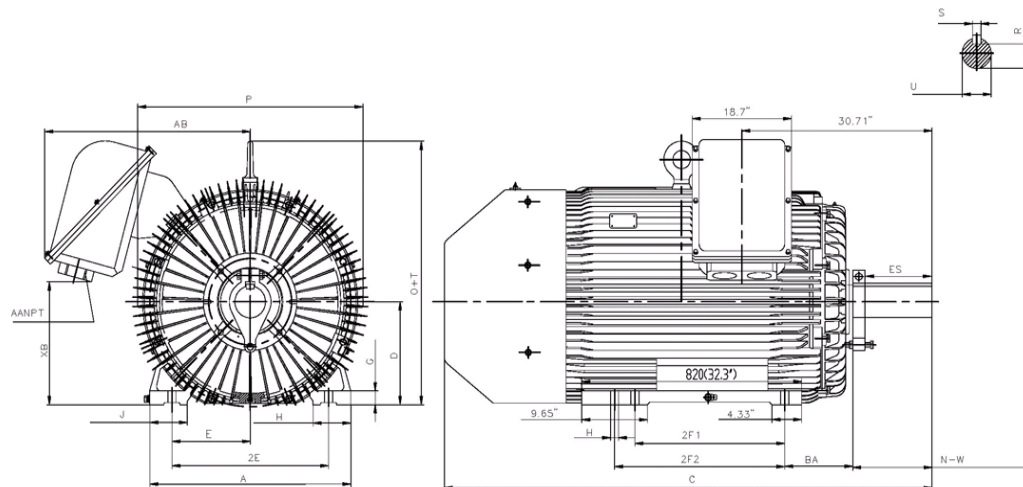
CRUSHER DUTY MOTOR

HIGH TORQUE / PREMIUM EFFICIENCY DESIGN

TOTALLY ENCLOSED FAN COOLED

HEAVY DUTY CAST IRON CONSTRUCTION

Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
350	1200	587UZ	29.53	32.38	71.65	14.50	1.97	1.18	5.51	11.50	23.00	22.00	25.00	31.10	31.89	5.88	10.00

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
4.375	11.25	3.817	1.00	10.00	11.63	2 X 3"	28.15	6324	6319	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease. It is recommended that you add some additional lubrication when the motor is installed.

Three options (brands) for suitable lubrication include, but are not limited to, the following:

- 1.) Mobil Polyrex EM
- 2.) Citco Polyurea MP
- 3.) Conoco Phillips Polytac EP





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PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
350	1189	587UZ	460	60	1.15	F	C	0.9	G	TEFC	55	40° C

Amps (460V)		Efficiency (%)				Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	Min.	100%	75%	50%	FLT	LRT %	BDT %	6324	6319	12 Lead Δ	5176
390.4	2550	95.8	95.3	94.8	95.0	0.852	0.825	0.760	1548	200	230				

NAME PLATE

		HIGH EFFICIENCY DESIGN				CONNECTION DIAGRAMS			
		CRUSHER DUTY MOTOR							
CAT NO: PE587UZ-350-6C-BB		FRAME 587UZ		PHASE 3		460V T12 T6 T7 T1 L1 T10 T4 T8 T2 L2 T11 T5 T9 T3 L3			
DE BRG 6324		ODE BRG 6319		CONN. 12 Lead Δ					
MAX AMB. 40° C		INS. CLASS F		RATING CONT WEIGHT 5176					
LUBRICATION Mobil Polyrex EM				SER					
HP 350		RPM 1189		HP 350					
VOLTS 460		VOLTS 380							
F.L. AMPS 390.4		F.L. AMPS 472.6							
S.F. AMPS 449.0		S.F. AMPS 472.6							
S.F. 1.15 DESIGN C CODE G		S.F. 1.0 DESIGN C CODE H							
NEMA NOM.EFF. 95.8 % NOM. P.F. 0.852		NEMA NOM.EFF. 95.0 % NOM. P.F. 0.852							
NEMA MIN.EFF. 95.0 % MAX. KVAR 58.0		NEMA MIN.EFF. 94.3 % MAX. KVAR 60.3							
Designed specifically for use on crushing and pulverizing equipment and other equipment requiring extremely high starting torques and breakdown torques. ISO9001 CERTIFIED CE  C US CC041B Hernando, MS 38632 232051									

APPLICATIONS:

Special purpose use on crushing and pulverizing equipment and other industrial equipment requiring extremely high starting torques and breakdown torques.