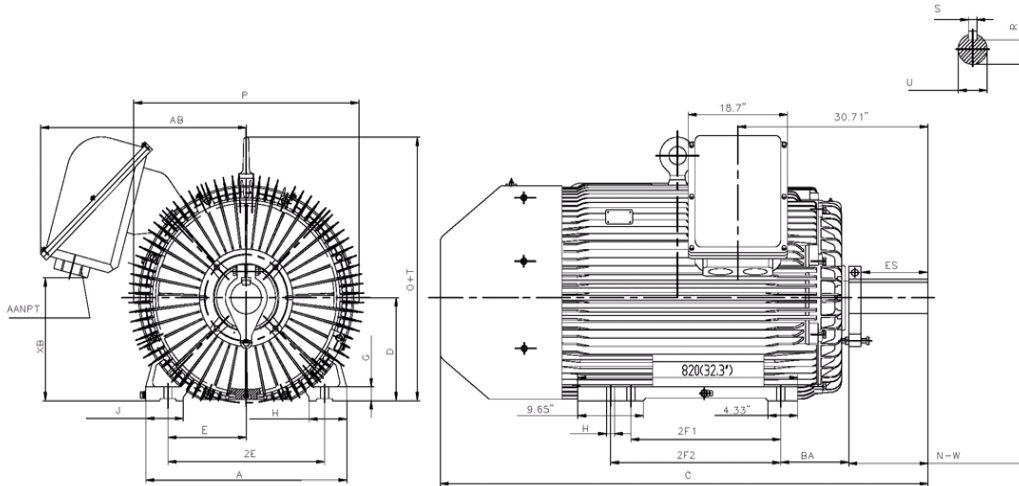




## PE587UZ-350-4C-BB

**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	1800	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	1788	587UZ	460	60	1.15	F	C	0.7	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 %					
378.5	2550	96.2	95.8	95.2	95.4	0.882	0.863	0.824	1029	200	270	6324	6319	12 Lead Δ	4847	

**NAME PLATE**

		<b>HIGH EFFICIENCY DESIGN</b> <b>CRUSHER DUTY MOTOR</b>				<b>CONNECTION DIAGRAMS</b>					
CAT NO: PE587UZ-350-4C-BB		FRAME 587UZ		PHASE 3							
DE BRG 6324		ODE BRG 6319		CONN. 12 Lead Δ							
MAX AMB. 40° C		INS. CLASS F		RATING CONT WEIGHT 4847							
LUBRICATION Mobil Polyrex EM		SER									
60 HERTZ DATA	HP 350		RPM 1788		HP 350		RPM 1490				
	VOLTS 460				VOLTS 380						
	F.L. AMPS 378.5				F.L. AMPS 458.2						
	S.F. AMPS 435.3				S.F. AMPS 458.2						
	S.F. 1.15 DESIGN C CODE G		S.F. 1.0 DESIGN C CODE H		50 HERTZ DATA						
	NEMA NOM.EFF. 96.2 %		NOM. P.F. 0.882				NEMA NOM.EFF. 95.1 %		NOM. P.F. 0.882		
NEMA MIN.EFF. 95.4 %		MAX. KVAR 43.0		NEMA MIN.EFF. 94.4 %		MAX. KVAR 45.1					
Designed specifically for use on crushing and pulverizing equipment and other equipment requiring extremely high starting torques and breakdown torques. <b>Hernando, MS 38632</b>										<b>CC041B</b> 232051	

**APPLICATIONS:**

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