



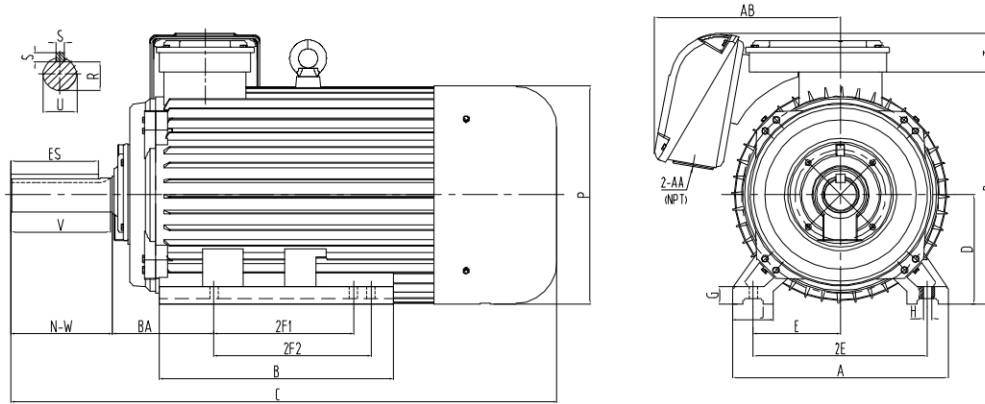
## PE505UZ-350-6C

CRUSHER DUTY ELECTRIC MOTOR

TOTALLY ENCLOSED FAN COOLED

INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31

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	505UZ	24.8	26.8	62.6	12.5	1.9	0.94	4.8	10	20	16	18	26.6	24.3	4.5	8.5

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
3.875	10.875	3.309	1	10	11.625	3	21.3	NU322	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





## PE505UZ-350-6C

**CRUSHER DUTY ELECTRIC MOTOR**

**TOTALLY ENCLOSED FAN COOLED**

**INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31**


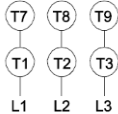
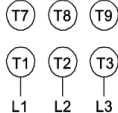
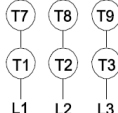



**Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G**

### 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	1190	505UZ	460	60	1.15	F	C	0.8	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%	100%	75%	50%	FLT	LRT %	BDT %				
393	2550	95.8	95.4	95.0	0.87	0.85	0.79	1543	200	260	NU322	6319	6 Lead Δ	3440

### NAME PLATE

 AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS								
CAT NO.		PE505UZ-350-6C				FRAME		505UZ		PHASE		3			<b>Across The Line</b> 			
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55							
HP	350	RPM	1190	HP	350	RPM	990	DUTY	CONT	DES	C							
VOLTS		460		VOLTS		380		AMB		40 °C		INS		F		<b>PWS Start</b> 		
AMPS		393		AMPS		470		DE BRG		NU322								
CODE	G	P.F.	0.87	CODE	F	P.F.	0.89	ODE BRG		6319								
EFF	95.8	MIN	95.0	EFF	95.0	MIN	94.1	LUB: Mobil Polyrex EM				<b>PWS Run</b> 						
MOTOR WEIGHT		3440 LBS		CONNECTION		6 Lead Δ		SER NO										
Special purpose use on crushing and pulverizing equipment.  Hernando, Mississippi										  								

### APPLICATIONS:

Special purpose use on crushing and pulverizing equipment. Other industrial machinery requiring extremely high starting torques and breakdown torques. Suitable for use with variable frequency drives.