



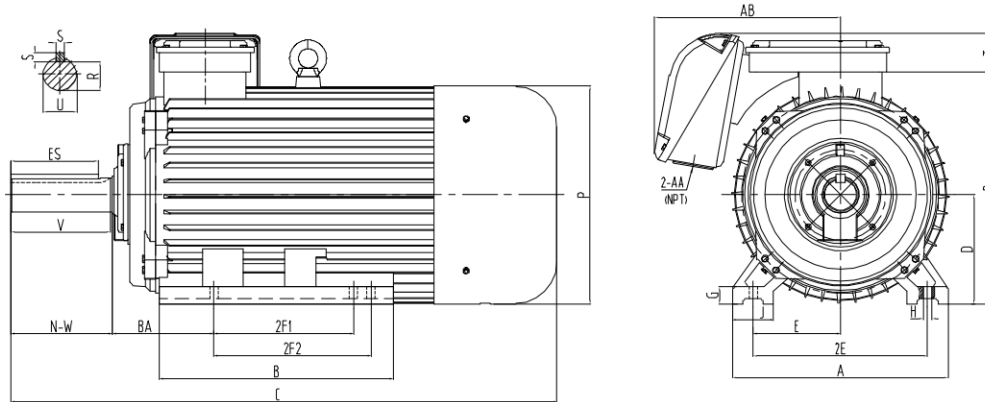
PE505UZ-350-4C

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	1800	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-350-4C

CRUSHER DUTY ELECTRIC MOTOR

TOTALLY ENCLOSED FAN COOLED

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


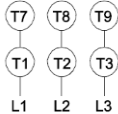
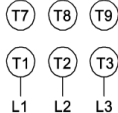
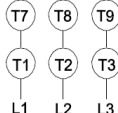



Factory Certified for T2B Class I, Division II, Groups A,B,C & D and Class II, Division II, Groups F & G

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	1790	505UZ	460	60	1.15	F	C	0.6	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 %				
390	2550	96.2	95.8	95.4	0.87	0.85	0.75	1028	200	280	NU322	6319	6 Lead Δ	2900

NAME PLATE

 AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS		
CAT NO. PE505UZ-350-4C				FRAME 505UZ				PHASE 3		Across The Line 		
HZ 60	S.F. 1.15	HZ 50	S.F. 1.0	ENCL TEFC	IP 55				PWS Start 			
HP 350	RPM 1790	HP 350	RPM 1490	DUTY CONT	DES C				PWS Run 			
VOLTS 460		VOLTS 380		AMB 40 °C	INS F							
AMPS 390		AMPS 470		DE BRG	NU322							
CODE G	P.F. 0.87	CODE F	P.F. 0.89	ODE BRG	6319							
EFF 96.2	MIN 95.4	EFF 95.4	MIN 94.5	LUB: Mobil Polyrex EM								
MOTOR WEIGHT 2900	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.