



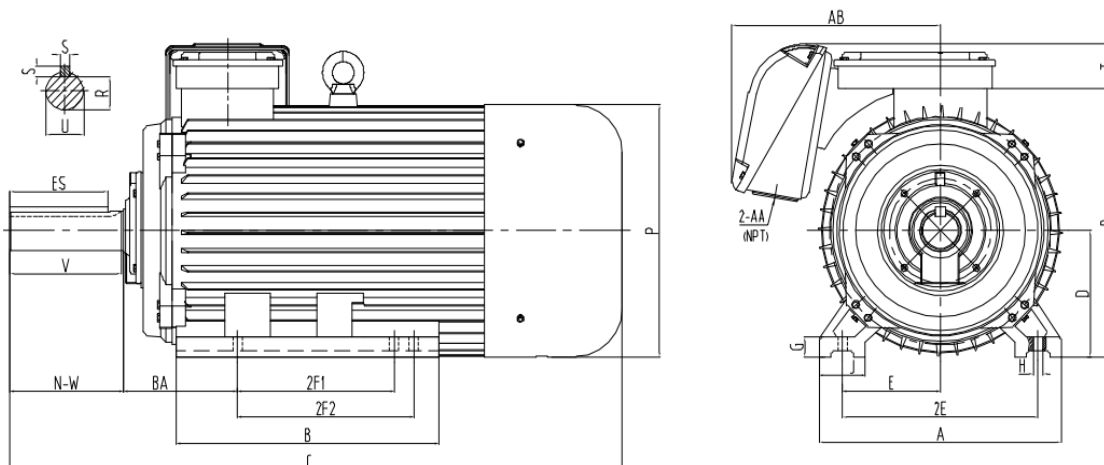
PE505UZ-350-6C

GENERAL PURPOSE 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	24.80	26.80	62.60	12.50	1.90	0.94	4.80	10.00	20.00	16.00	18.00	26.60	24.30	4.50	8.50

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
3.875	10.88	3.309	1.000	10.00	11.63	3.00	21.30	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

GENERAL PURPOSE 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%	Min.	100%	75%	50%	FLT	LRT %	BDT %				
393.0	2550	95.8	95.4	95.0	95.0	0.870	0.850	0.785	1543.0	200	260	NU322	6319	6 Lead Δ	3440

NAME PLATE

 AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS (460V)			
										Across The Line			
										T7 T8 T9 T1 T2 T3 L1 L2 L3			
CAT NO: PE505UZ-350-6C										FRAME 505UZ		PHASE 3	
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			
FLA 393.0				FLA 470				DE BEARING NU322					
CODE G		P.F. 0.87		CODE F		P.F. 0.89		ODE BEARING 6319					
EFF 95.8		MIN 95.0		EFF 95		MIN 94.1		LUB: Mobil Polyrex EM					
MOTOR WEIGHT 3440.0 LBS				CONNECTION 6 Lead Δ				SER NO					
General purpose use on industrial machinery installed in damp, dusty or dirty environments. ISO9001 CERTIFIED CE  Hernando, Mississippi										PWS Start			
										T7 T8 T9 T1 T2 T3 L1 L2 L3			
										PWS Run			
										T7 T8 T9 T1 T2 T3 L1 L2 L3			

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.