



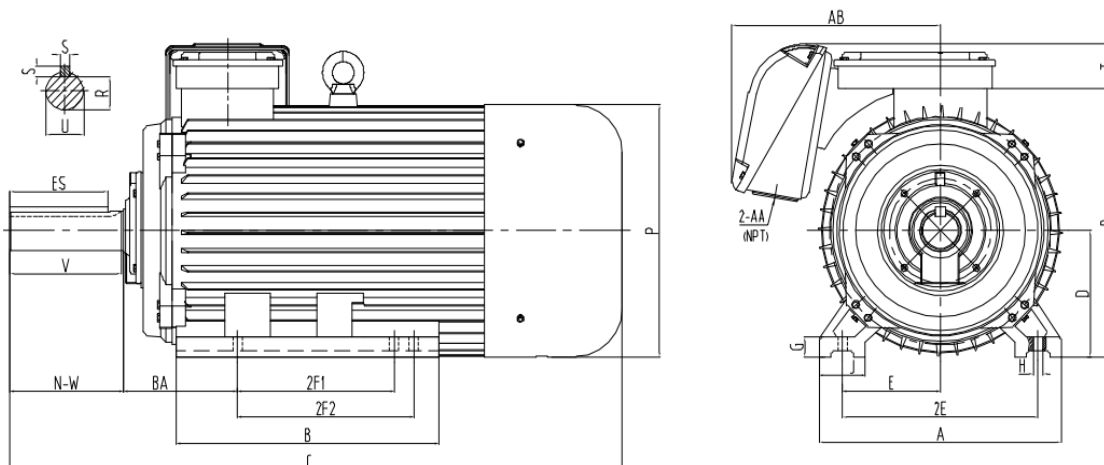
PE505UZ-350-4C

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	1800	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





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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	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%	Min.	100%	75%	50%	FLT	LRT %	BDT %	NU322	6319	6 Lead Δ	2900
390.0	2550	96.2	95.8	95.4	95.4	0.870	0.850	0.750	1028.0	200	280				

NAME PLATE

 AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT										CONNECTION DIAGRAMS (460V)			
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		T7 T8 T9 T1 T2 T3 L1L2L3	
HP 350		RPM 1790		HP 350		RPM 1490		DUTY CONT		DES C		PWS Start	
VOLTS 460		VOLTS 380		AMB 40° C		INS F						T7 T8 T9 T1 T2 T3 L1L2L3	
FLA 390.0		FLA 470		DE BEARING		NU322						PWS Run	
CODE G		P.F. 0.87		CODE F		P.F. 0.89		ODE BEARING		6319		T7 T8 T9 T1 T2 T3 L1L2L3	
EFF 96.2		MIN 95.4		EFF 95.4		MIN 94.5		LUB: Mobil Polyrex EM					
MOTOR WEIGHT 2900.0 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													

APPLICATIONS:

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