



PE256T-7.5-8C

CRUSHER DUTY ELECTRIC MOTOR

NEMA PREMIUM EFFICIENCY

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
7.5	900	256T	13	12.2	25	6.25	0.7	0.53	2.75	5	10	8.25	10	13	12.4	2.2	4.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
1.625	3.75	1.416	0.375	2.91	4	1.25	10.1	6309	6309	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
7.5	870	256T	208-230/460	60	1.15	F	C	3.3	H	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 %				
11	63	86.5	86.5	84.5	0.72	0.59	0.45	45.5	200	280	6309	6309	12 Lead 2Δ/Δ	251

NAME PLATE

		AC INDUCTION MOTOR INVERTER DUTY 20:1 VT; 10:1 CT									CONNECTION DIAGRAMS				
CAT NO.		PE256T-7.5-8C				FRAME		256T		PHASE 3			208-230V 		
HZ	60	S.F.	1.15	HZ	50	S.F.	1.0	ENCL	TEFC	IP	55				
HP	7.5	RPM	870	HP	7.5	RPM	725	DUTY CONT	DES	C			460V 		
VOLTS 208-230/460		VOLTS 190/380		AMB 40 °C		INS F		AMPS 24.3 - 22 / 11			AMPS 26.6/13.3				
CODE	H	P.F.	0.72	CODE	G	P.F.	0.74	ODE BRG 6309		LUB: Mobil Polyrex EM			MOTOR WEIGHT 251 LBS CONNECTION 12 Lead 2Δ/Δ SER NO		
EFF	86.5	MIN	84.0	EFF	84.5	MIN	82.0								
Special purpose use on crushing and pulverizing equipment.		ISO9001 CERTIFIED		CE		 C 272709		CC082A							
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.