

PE143T-1-4

PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =82.5% - Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)



DIMENSIONS – INCHES

A	B	C	D	E	2F1	2F2	G	H	J	O
7.0	5.2	12.6	3.5	2.75	4.0	NA	.5	.34	1.45	7.1
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
6.95	.771	.188	NA	.875	1.41	.75	6.1	2.25	2.25	F1

PERFORMANCE DATA

Three Phase – TEFC – AC Motor – 60Hz - 208-230/460V – NEMA Design B - Max. Ambient: 40° C

HP	Speed	Frame	NEMA Code	Efficiency (%)			Power Factor (%)			Torque (ft-lb)		
				100%	75%	50%	100%	75%	50%	FLT	BDT%	LRT%
1	1740	143T	M	85.5	85.0	83.6	76.0	71.0	58.0	3.02	310	300
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
1.5	15.0	6205ZZ	6205ZZ	F	TEFC	1.15	47					



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