

PE405TS-100-2

PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =93.0% - Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)



DIMENSIONS – INCHES

A	B	C	D	E	2F1	2F2	G	H	J	O
19.3	17.9	35.2	10.0	8.0	12.25	13.75	1.2	.81	3.15	19.8
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
19.1	1.845	.50	3.0	2.125	2.78	3.0	15.6	6.62	4.25	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%
100	3560	405TS	G	94.1	94.0	93.6	92.0	93.0	90.5	147	280	180
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
109	725	6314	6314	F	TEFC	1.15	1040					



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