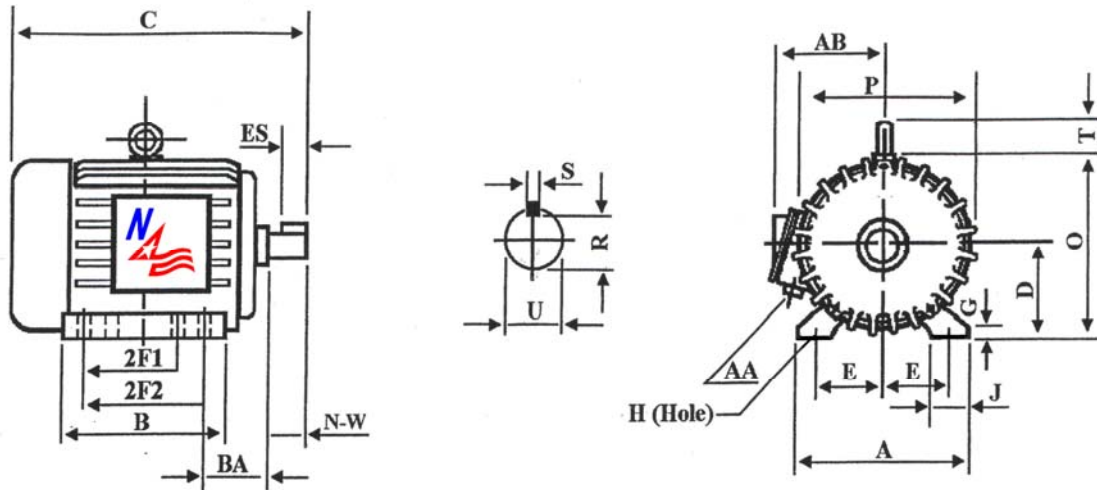


## PE405T-100-4

### PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =94.5% - 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	38.2	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	2.45	.75	3.0	2.875	5.65	3.0	15.6	6.62	7.25	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	1780	405T	G	95.4	95.1	94.7	90.0	90.5	84.0	295	220	185
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
110.0	725	6315	6314	F	TEFC	1.15	1058					



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