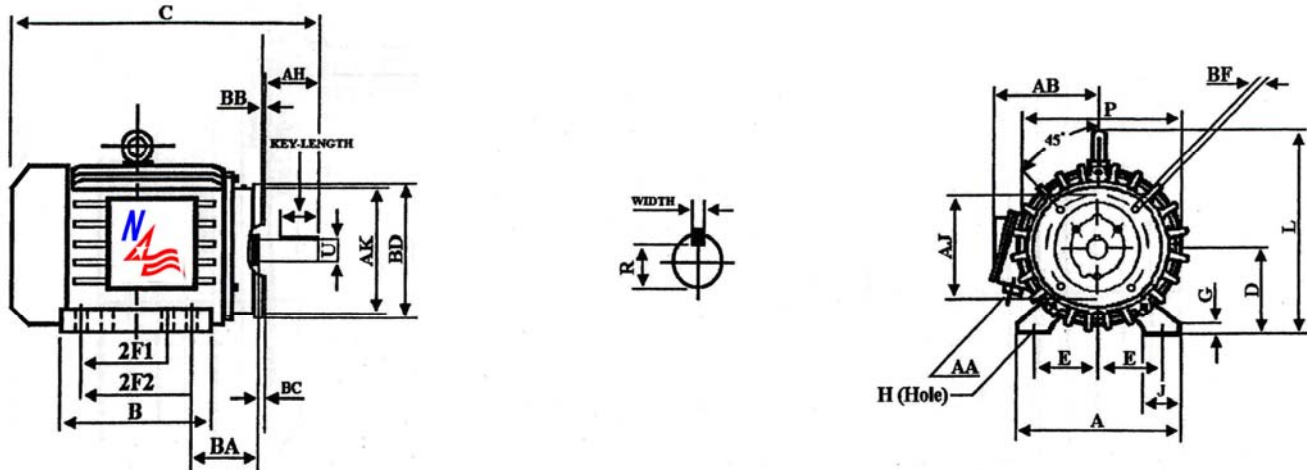


PE143TC-1-4

PREMIUM EFFICIENT / INVERTER DUTY MOTOR

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



DIMENSIONS – INCHES

MOUNTING					A	B	C	D	G	J	P	L	BC	AH	AB	AA
E	2F1	2F2	H	BA												
2.75	4	NA	0.34	2.75	7	5.2	12.6	3.5	0.5	1.45	6.95	7.1	+0.12	2.12	6.1	0.75
KEY				KEYSET R		FLANGE					SHAFT EXTENSION					
WIDTH		LENGTH				AK	AJ	BF	BB	BD	N-W	U				
0.188		1.41				0.771	4.5	5.875	3/8-16	0.16	6.5	2.25	0.875			

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	143TC	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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