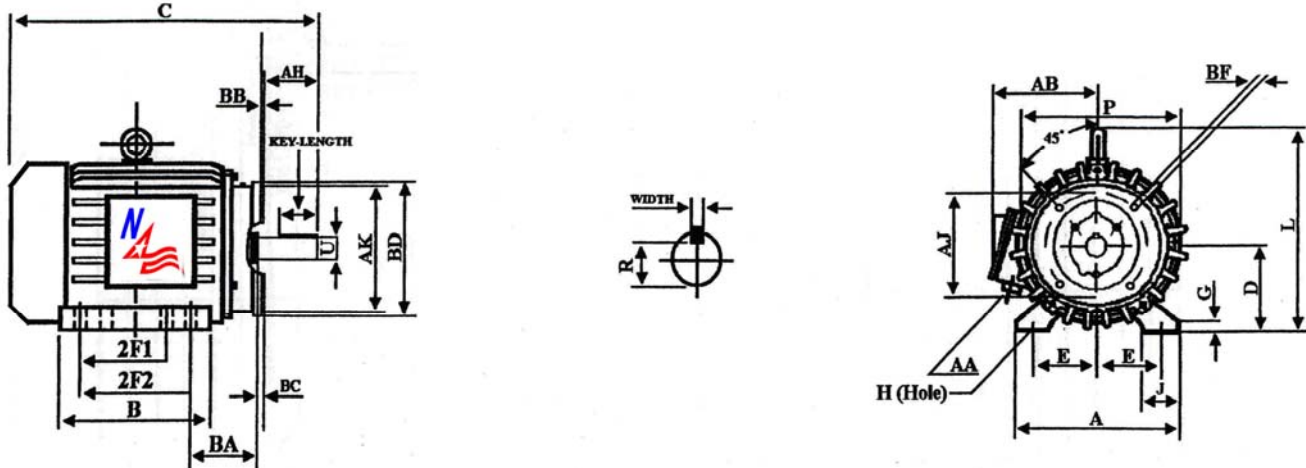


PE143TC-1.5-2

PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =81.5% - 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%
1.5	3500	143TC	M	84.0	83.6	82.1	85.0	78.0	66.0	2.22	320	260
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
2.0	20	6205ZZ	6205ZZ	F	TEFC	1.15	46					



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