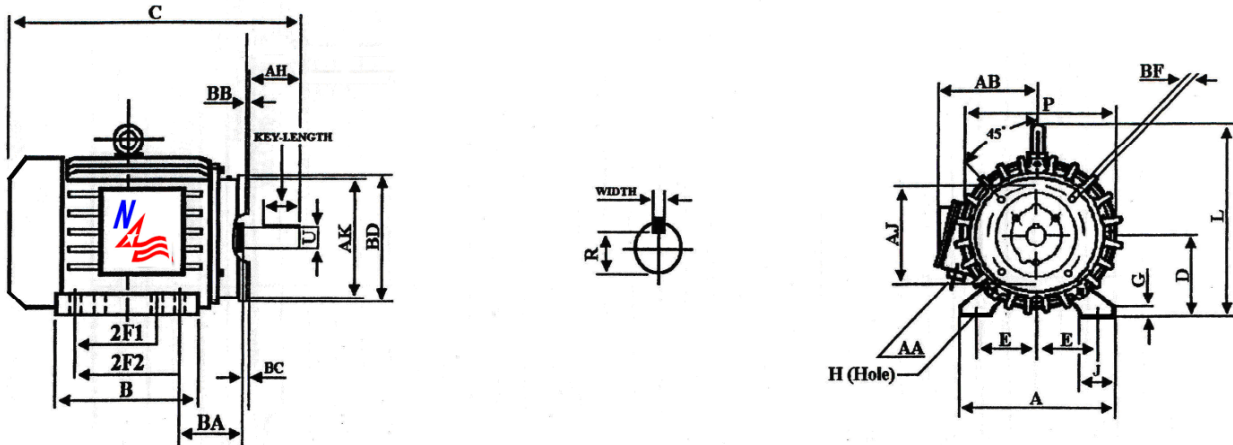


PE444TC-100-6

PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =94.5% - 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												
9	14.5	16.5	0.81	7.5	21.7	22.9	44.3	11	1.3	3.15	21.6	25.1	+0.25	8.25	16.6	3
KEY			KEYSET R		FLANGE				SHAFT EXTENSION							
WIDTH	LENGTH		R		AK	AJ	BF	BB	BD	N-W	U					
0.875	6.91		2.88		16	14	5/8-11	0.25	18	8.5	3.375					

PERFORMANCE DATA

Three Phase – TEFC – AC Motor – 60Hz - 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	1185	444TC	G	95.0	94.0	94.0	88.0	85.0	78.0	443	210	190
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
113	725	6319	6318	F	TEFC	1.15	1320					



North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632

Toll Free: 1-800-884-0405 Phone: 662-429-8049 Fax: 662-429-8546

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