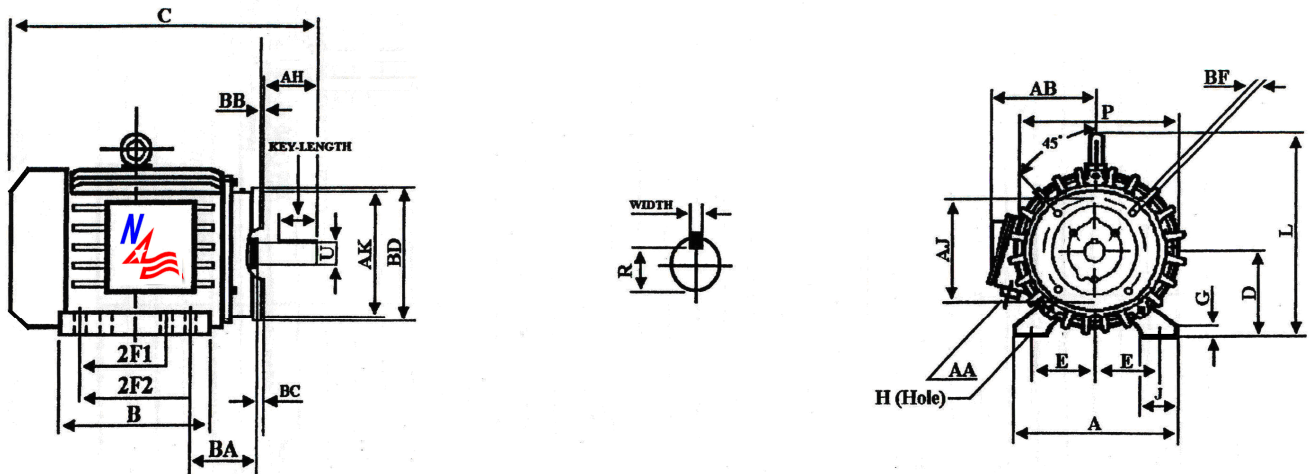


PE449TC-250-4

PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =95.4% - 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	20	25	0.81	7.5	21.7	26.4	52.0	11	1.3	3.15	21.6	25.1	0.25	8.25	16.6	3
KEY					KEYSET R		FLANGE – (8 Holes)					SHAFT EXTENSION				
WIDTH		LENGTH			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%
250	1785	449TC	G	96.2	95.8	95.3	91.0	92.0	90.2	735.6	220	190
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
270	1760	NU319	6318	F	TEFC	1.15	1980					



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

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

www.naemotors.com