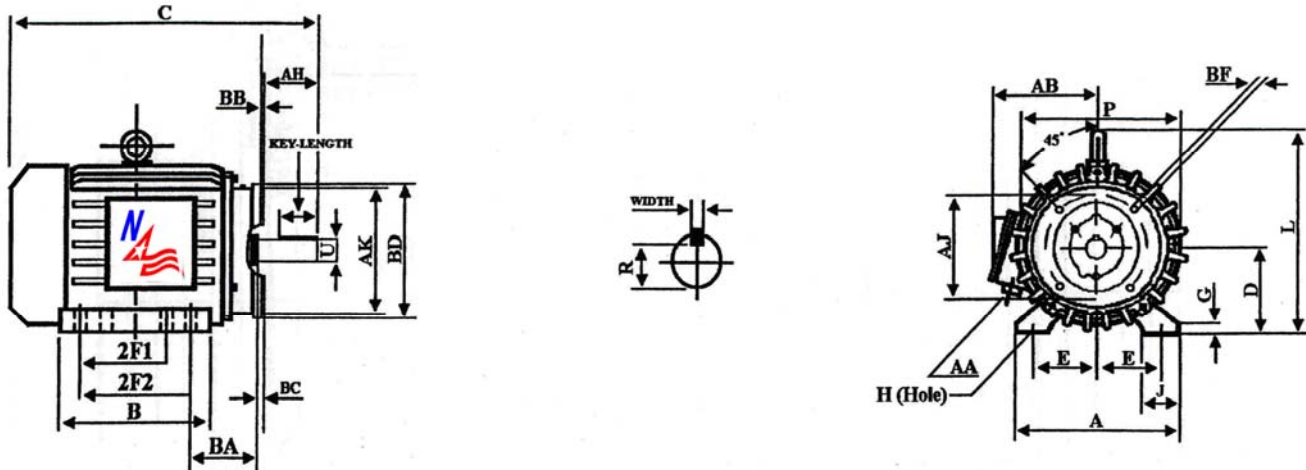


PE182TC-3-4

PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =87.5% - 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												
3.75	4.5	NA	0.41	3.5	9.5	6.3	15.1	4.5	0.7	2.04	8.70	10.7	+0.12	2.62	7.5	0.75
KEY				KEYSET R	FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH			AK	AJ	BF	BB	BD	N-W	U					
0.25		1.78		0.986	8.5	7.25	1/2-13	0.25	9	2.75	1.125					

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%
3	1745	182TC	K	89.5	89.1	87.6	82.0	77.0	65.0	9.0	320	250
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
4.0	32.0	6306ZZ	6306ZZ	F	TEFC	1.15	97					



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