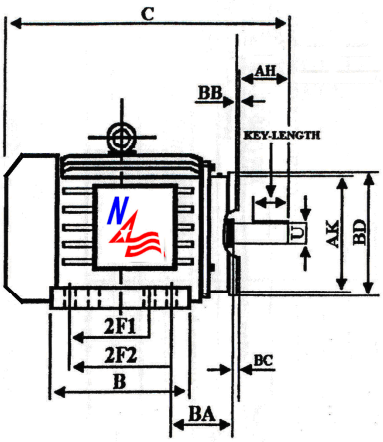
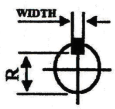
North American Electric, Inc.

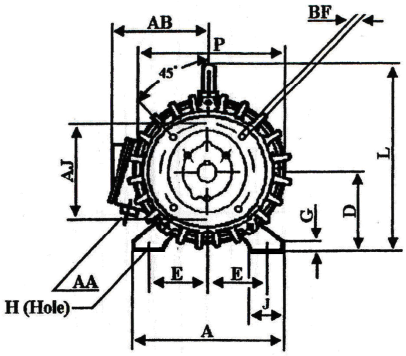
PE254TC-15-2

C-FACE PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =89.5% - 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												
5.0	8.25	NA	0.53	4.75	13.0	10.4	23.2	6.25	0.8	2.87	12.4	15.2	+0.25	3.75	10.1	1.25

KEY			KEYSET R	FLANGE					SHAFT EXTENSION	
WIDTH		LENGTH		AK	AJ	BF	BB	BD	N-W	U
0.375		2.91	1.416	8.5	7.25	1/2-13	0.25	10	4	1.625

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%
15	3515	254TC	G	91.0	91.1	91.0	91.0	91.0	84.0	22.4	290	180

Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)
FLA	LRA						
17.2	116.0	6309	6309	F	TEFC	1.15	286

CANADIAN STANDARDS ASSOCIATION

ISO

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