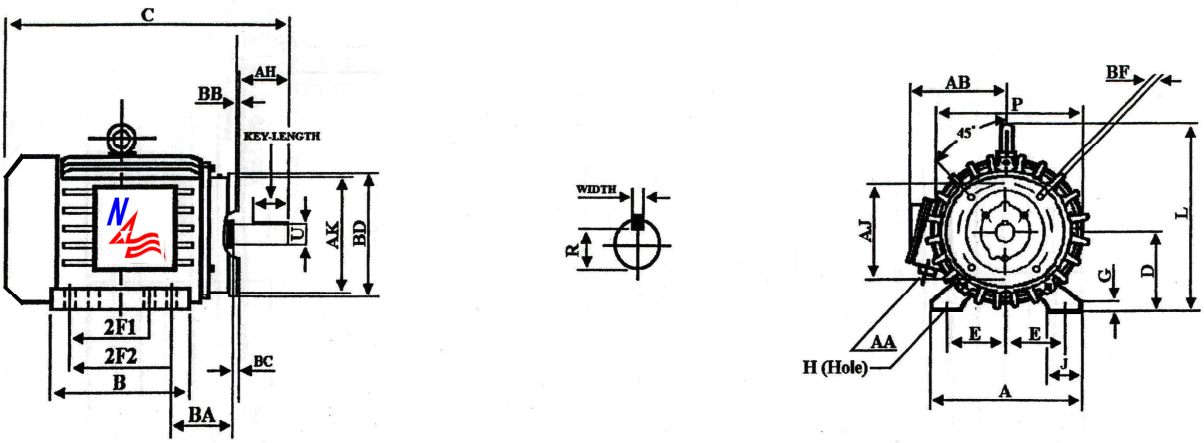
North American Electric, Inc.

PE445TSC-150-2

C-FACE PREMIUM EFFICIENT / INVERTER DUTY MOTOR

Minimum Guaranteed Full Load Efficiency =94.1% - 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												
9.0	14.5	16.5	0.81	7.5	21.7	22.9	40.6	11.0	1.3	3.15	21.6	25.1	+0.25	4.5	16.6	3

KEY			KEYSET R	FLANGE					SHAFT EXTENSION	
WIDTH		LENGTH		AK	AJ	BF	BB	BD	N-W	U
0.625		3.03	2.021	16	14	5/8-11	0.25	18.0	4.75	2.375

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%
150	3570	445TSC	G	95.0	94.5	93.8	92.0	93.0	90.7	220	245	195

Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)
FLA	LRA						
162	1085	6314	6314	F	TEFC	1.15	1408

CANADIAN STANDARDS ASSOCIATION

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