

PE254TC-7.5-6

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%
7.5	1175	254TC	H	91.0	91.2	90.5	79.0	65.0	54.0	33.7	240	200
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
9.8	63.0	6309	6309	F	TEFC	1.15	272					



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