

Trane Model E Compressor Wear Limits

PART NAME	ORIGINAL SPECS	LIMITS	MAX OIL CLEARANCE
Main bearings	2.8765 - 2.8785	2.8805	.006
Crankshaft mains	2.8735 - 2.8745	2.8720	.006
Crankshaft end play	0.017 - 0.026	-	-
Connecting rod	2.7520 - 2.7530	2.7560	.008
Crankshaft crankpin	2.7485 - 2.7495	2.7450	.008
Piston pin	1.1248 - 1.1250	1.1244	.0011
Connecting rod pin bore	1.1253 - 1.1256	1.1258	.0011
Cylinder bore	3.6600 - 3.6610	-	-
Piston	3.6520 - 3.6530	-	-
Piston ring gap	0.005 - 0.015	0.035	-
Valve rings	0.038 - 0.040	0.028	-
Motor air gap (Side to Side)		.010 max variation	

Dimensions are in inches. Recommended wear rates are for individual parts.

For mating parts, the maximum oil clearance should predominate.

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Compressor Reference 2004