

Chrysler Airtemp Compressor Service Standards

PART-MATING PART	CLEARANCE
Motor Main Bearing to Crankshaft 20-00	.0035 - .0050
Pump Main Bearing to Crankshaft 20-00	.0035 - .0050
Connecting Rod Side Clearance 20-50	.016 - .034
Connecting Rod Side Clearance 60-75	.020 - .042
Connecting Rod Side Clearance 00	.020 - .046
Connecting Rod to Crankshaft 20-40	.0025 - .0035
Connecting Rod to Crankshaft 50-00	.004 - .005
Connecting Rod to Piston Pin 20-00	.0002 - .0005
Crankshaft End Play 20-40	.010 - .024
Crankshaft End Play 50-00	.010 - .023
Piston to Discharge Valve 20-00	.009 - .035
Piston to Cylinder 20-30	.0011 - .0026
Piston to Cylinder 40	.0013 - .0028
Piston to Cylinder 50-00	.0015 - .0030
Piston Pin to Piston 20-00	.0001 - .0004
Compression Ring End Gap 20-00	.003 - .008
Oil Ring End Gap 20-00	.003 - .008
Suction Valve Clearance 20-40	.008 - .016
Suction Valve Clearance 50-00	.004 - .011
Discharge Valve Clearance 20-40	.0095 - .0155
Discharge Valve Clearance 50-00	.007 - .012
Unloader Detent Piston Clearance 20-00	.0007 - .0012
Rotor to Stator Air Gap 20-00	.016 minimum
Oil Pressure Regulator Plunger Clearance 20-00	.001 - .003
Free Length - Oil Pressure Regulator Spring 20-	1.25 approx
Free Length - Cylinder Head Spring 20-40	3.10 approx
Free Length - Cylinder Head Spring 50-00	3.30 approx
Oil Pump Rotor to Housing 20-00	.003 - .006
Oil Pump Reversing Element to Housing 20-00	.003 - .006
Depth of Oil Pump Stack below Housing 20-00	.001 - .006

All dimensions are in inches.

50-00 = 2050-2000 or 3050-3000.

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