

## Carlyle 05G Compressor Wear Limits

PART	FACTORY MAX	FACTORY MIN	MAX WEAR
<b>SEAL END</b>			
End Play (Seal Removed)	0.035	0.030	-
Main bearing	1.8760	-	0.002
Crankshaft journal	-	1.8725	0.002
<b>PUMP END</b>			
Main bearing	1.3760	-	0.002
Crankshaft journal	-	1.3735	0.002
<b>CONNECTING ROD</b>			
Bearing	1.3768	-	0.002
Crankpin	-	1.3735	0.0025
Wrist pin bearing	0.6883	0.6878	0.001
<b>THROW</b>			
Height (37 CFM)	0.9698	0.9678	-
Height (41 CFM)	1.072	1.070	-
<b>THRUST WASHER</b>			
Thickness (pump end)	0.145	0.144	0.025
Thickness (seal end)	0.157	0.155	0.025
<b>CYLINDERS</b>			
Bore	2.0010	-	0.002
Piston (Top of Piston)	1.994	1.988	0.002
Piston (Skirt of Piston)	1.9968	1.9960	0.002
Piston pin	-	0.06873	0.001
Piston pin bearing	Thumbfit	-	-
Piston ring gap	0.013	0.005	0.025
Piston ring side clearance	0.002	0.001	0.002
<b>SUCTION VALVE</b>			
Stop (Recess in body)	0.082	0.078	0.090 *

All dimensions are in inches.

\* Maximum depth before repair.

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Compressor Reference 2004