

## Carrier/Carlyle 6L/06L Compressor Wear Limits

PART	FACTORY MAX	FACTORY MIN	MAX WEAR
<b>MOTOR END</b>			
Main bearing	2.6256	2.6250	.001
Crankshaft journal	2.6235	2.6225	.002
<b>PUMP END</b>			
Main bearing	2.2516	2.2502	.001
Crankshaft journal	2.249	2.248	.002
<b>CENTER (8, 12 cylinder only)</b>			
Bearing diameter	2.6264	2.6250	.001
Bearing thickness	-	.0942	.001
Crankshaft journal	2.6235	2.6225	.002
<b>CONNECTING ROD</b>			
Bearing diameter	2.2505	2.2495	.002
Bearing thickness	-	.06225	.001
Crankpin	-	2.248	.002
Piston pin diameter	-	.9998	.001
Piston pin bushing	1.000	-	.001
<b>CRANKSHAFT</b>			
Throw	1.376	1.372	-
<b>THRUST WASHERS</b>			
Thickness (motor end)	.188	.186	-
Thickness (pump end)	.188	.186	-
<b>THRUST CLEARANCE</b>			
	.050	.014	-
<b>CYLINDERS</b>			
Bore	3.2515	3.2505	.003
Piston	3.2485	3.2480	.003
Compression ring end gap	.017	.007	.030
Oil ring end gap	.017	.007	.030
Compression ring side clearance	.0015	.0005	.003
Oil ring side clearance	.0012	.0002	.003
<b>OIL PUMP</b>			
Axial clearance (6 cylinder)	.0015	.0005	.0025
Drive shaft (6 cylinder)	.5635	.5625	.0000
Drive shaft bushing (6 cylinder)	.5616	.5611	.0000
Axial clearance (8, 12 cylinder)	.0015	.0005	.0025
Drive shaft (8, 12 cylinder)	.6241	.6236	.0000
Drive shaft bushing (8, 12 cylinder)	.6255	.6250	.0000
<b>SUCTION VALVES</b>			
Depth of wear below face	-	-	.005
Seat	-	.012	.002
<b>DISCHARGE VALVES</b>			
Depth of wear below face	-	-	.005

All dimensions are in inches.

Minimum height of suction and discharge seat is .010.

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