

Carrier/Carlyle 6D/06D Compressor Wear Limits

PART	FACTORY MAX	FACTORY MIN	MAX WEAR
MOTOR END			
Main bearing			
7, 8, 9, 13, 16, 18, 20 CFM	1.3755	-	.002
24, 28, 37 CFM	1.6260	-	.002
Crankshaft journal			
7, 8, 9, 13, 16, 18, 20 CFM	-	1.3735	.002
24, 28, 37 CFM	-	1.6233	.002
PUMP END			
Main bearing			
All Models	1.3755	-	.002
Crankshaft journal			
All Models	-	1.3735	.002
CRANKPIN DIAMETER			
7, 8, 9, 13, 16, 24 CFM	-	2.2030	.0025
18, 20, 28, 37 CFM	-	1.3735	.0025
THROW			
7, 8, CFM	1.2490	1.2450	-
9 CFM	1.3740	1.3700	-
13, 16, 24 CFM	1.2500	1.2460	-
18 CFM	1.4374	1.4334	-
20 CFM	1.5625	1.5585	-
28 CFM	1.46875	1.46475	-
37 CFM	1.9396	1.9353	-
THRUST WASHER			
24, 28, 37 CFM	.157	.155	.025
CONNECTING ROD			
Eccentric Diameter			
7, 8, 9, 13, 24 CFM	2.2053	-	.002
Connecting rod Diameter			
18, 20, 28, 37 CFM	1.3755	-	.002
Piston pin bearing			
All Models	-	.6878	.001
CYLINDERS			
Bore			
7 CFM	1.8130	-	.002
8,9,13,16,18,20,24,28,37 CFM	2.0005	-	.002
PISTONS			
Piston Diameter			
7 CFM	-	1.8085	.002
8,9,13,16,18,20,24,28,37 CFM	-	1.9960	.002
Piston pin			
All Models	-	.6873	.001

All dimensions are in inches.



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PART	FACTORY MAX	FACTORY MIN	MAX WEAR
Piston pin bearing			
All Models	Press Fit	-	
Piston ring gap			
All Models	.013	.005	.025
Piston ring side clearance			
All Models	.002	.001	.002

All dimensions are in inches.

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Compressor Reference 2004

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