

Gage R and R Chart

Summary

Date: 3/2/2017 3:18 PM

Gage Information: <Gage Information>

Gage Name: MICRO-VU

Gage Serial #: VX311HC01349

Trial Information: <Trial Information>

Trial Count: 3

Sample Count per Trial: 10

Created: 3/2/2017 1:05 PM

Inventory Item #: R00087-063-70SLR

Description: .087 X .063 70 SILICONE

Extended Description: R00087-063-70SLR

Class: FG

Revision: R00087-063-70SLR

Parameter: <Parameter>

LSL: 0.082000

Target: 0.087000

USL: 0.092000

UOM: IN

Measurement Unit Analysis: <Measurement Unit Analysis>

Equipment Variation (EV): 0.000008

Appraiser Variation (AV): 0.000003

Repeatability and Reproducibility (R&R): 0.000008

Part Variation (PV): 0.000315

Total Variation (TV): 0.000315

ndc: 52.224384%

52.2 ≥ minimum requirement of 5 : Pass

Percent Total Variation: <Percent Total Variation>

Percent EV: 2.503008%

Percent AV: 1.009474%

Percent Gage R&R: 2.698905%

Percent PV: 99.963573%

Percent Tolerance: <Percent Tolerance>

EV: 0.472640%

AV: 0.190618%

Gage R&R: 0.509631%

PV: 18.876000%

Tolerance (+): 0.005000

Tolerance (-): 0.005000

Chart: <Chart>

X-Bar Diff: 0.000007

UCLx: 0.085854

X-Double-Bar: 0.085840

LCLx: 0.085826

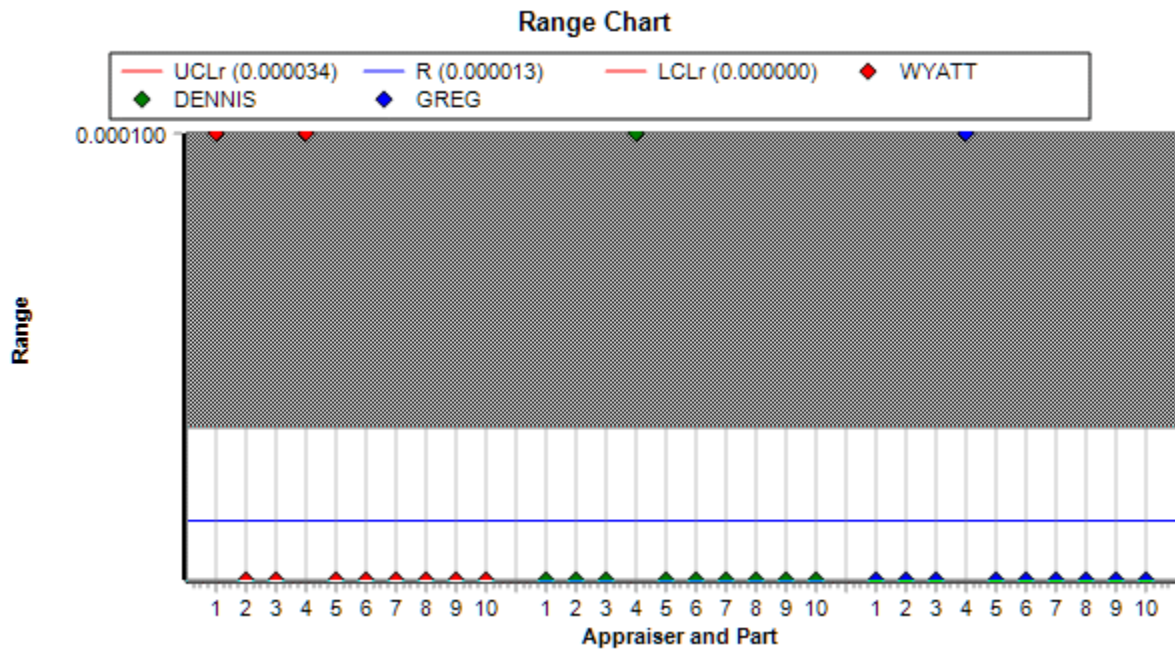
R-Double-Bar: 0.000013

UCLr: 0.000034

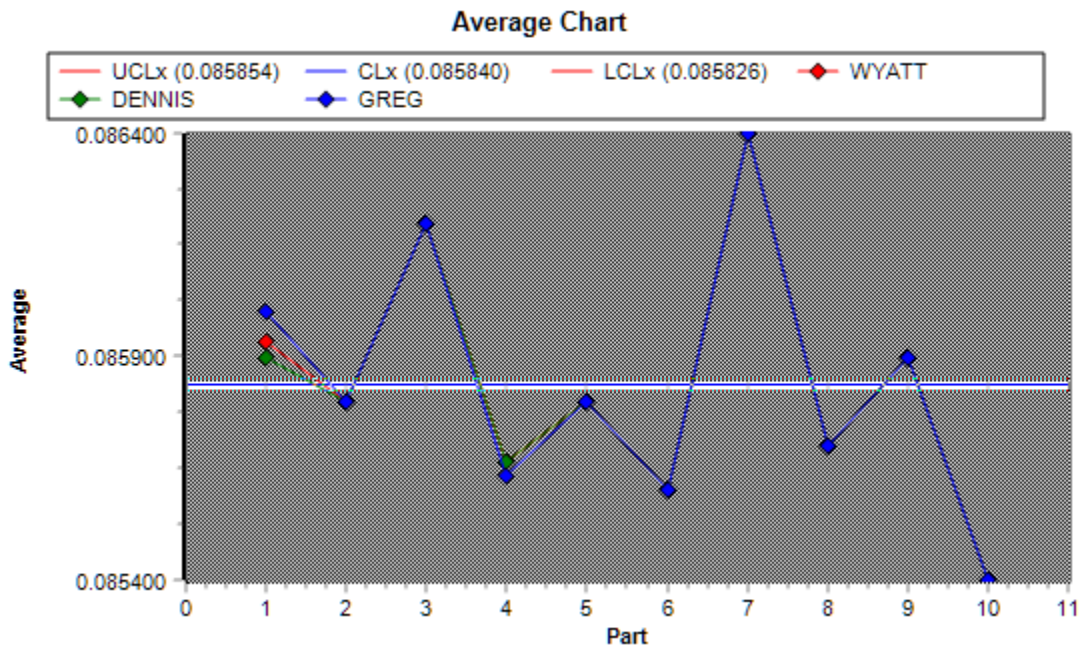
LCLr: 0.000000

0.51 ≤ maximum requirement of 20 : Pass

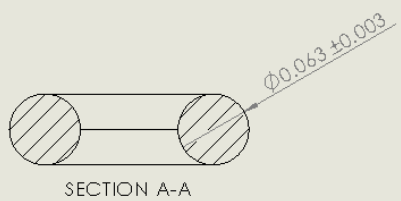
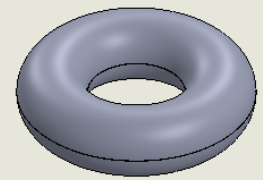
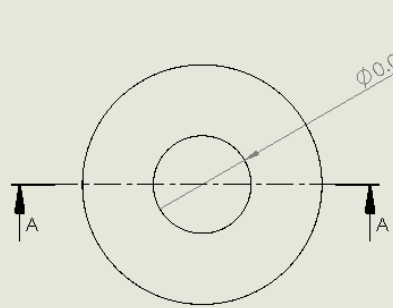
Range Chart



Average Chart



| REV | DATE | DESCRIPTION | BY |
|-----|----------|-------------|----|
| A | 01/01/17 | O Ring | DM |



Material: 70 durometer Silicone Rubber

| | | | |
|---|--|--|--------|
| UNLESS OTHERWISE SPECIFIED, RUBBER PRODUCTS TO DIMENSIONS ARE RAW STANDARD DESIGNATION "A" HIGH PRECISION | | Customer XYZ | |
| | | LANCASTER, NY 14086 | |
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| | | DRAWING TITLE: O Ring | |
| | | DRAWING NUMBER: R00087-063-70SL | |
| | | DATE: 01/01/17 | BY: DM |
| | | DATE: 01/01/17 | BY: AJ |

| SIZE (inches) | FIXED | CLOSURE |
|---------------|------------|------------|
| Above .061 | | |
| 0 - .40 | $\pm .004$ | $\pm .005$ |
| .40 - .62 | .005 | .006 |
| .62 - 1.00 | .006 | .008 |
| 1.00 - 1.50 | .008 | .010 |
| 1.50 - 2.50 | .010 | .012 |
| 2.50 - 4.00 | .012 | .016 |
| 4.00 - 6.20 | .016 | .020 |

