

Quindos Measuring Report



3D-Application Center

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|--------------------|------------------|-------------------|-------------------------|
| Description | FLEX SUPPORT | Customer | R. ATKINSON |
| Drawing Number | PF-391-225-12 R0 | Serial Number | 003 |
| Remarks | | Article Number | |
| Supplier | MFD | Delivery Date | |
| Delivery Note | | Delivery Volume | |
| Lot Number | | Lot Size | |
| Test Schedule | | Sample Size | |
| Production Machine | | Production Tool | |
| Production Date | | Production Time | |
| Order | 24251-36 | Department | MET. QUALITY INSPEC |
| Inspector | kcaban | Inspection Date | 15-JAN-2009, 11:26:23 |
| Measuring Device | PMM 12 10 6 #496 | Measuring Program | Quindos7 - V 7.1.8350-B |
| User Name | kcaban | WKP Name | pf39122512 |

| Text | Eval. | Actual | Nominal | Up.To1. | Low.To1. | Act-Nom | Graphic |
|-------------|--------|----------|---------|---------|----------|----------|----------|
| DAT\$PLA_A | | PLA | | | | | |
| | FORM | 0.00018 | 0.00000 | 0.01000 | 0.00000 | 0.00018 | |
| DAT\$CYL_B | | CYL | | | | | |
| | FORM | 0.00045 | | | | | |
| | DM | 4.05458 | 4.05000 | 0.01000 | 0.00000 | 0.00458 | |
| SQRNS_AB | | AXI | | | | | |
| | SQRNES | 0.00048 | 0.00000 | 0.01000 | 0.00000 | 0.00048 | |
| DIA_3P600 | | CIR | | | | | |
| | DM | 3.59953 | 3.60000 | 0.00500 | -0.00500 | -0.00047 | |
| POS_3P600 | | POI | | | | | |
| | POSITN | 0.00259 | 0.00000 | 0.01000 | 0.00000 | 0.00259 | |
| RAD_2P410 | | CIR | | | | | |
| | RA | 2.40935 | 2.41000 | 0.00500 | -0.00500 | -0.00065 | |
| DIST_P650 | | POI | | | | | |
| | Z | -0.64831 | 0.65600 | 0.00500 | -0.00500 | -0.00769 | -0.00269 |
| DIST_3P44 | | AXI | | | | | |
| | DZ | 3.43833 | 3.44000 | 0.02000 | -0.02000 | -0.00167 | |
| DIA_P170(1) | | CIR | | | | | |
| | DM | 0.17235 | 0.17200 | 0.01000 | -0.00200 | 0.00035 | |
| POS_P170(1) | | POI | | | | | |
| | POSITN | 0.00080 | 0.00000 | 0.01500 | 0.00000 | 0.00080 | |
| POS_P170(2) | | POI | | | | | |
| | POSITN | 0.00082 | 0.00000 | 0.01500 | 0.00000 | 0.00082 | |
| DIST_3P80 | | AXI | | | | | |
| | DY | 3.79884 | 3.80000 | 0.02000 | -0.02000 | -0.00116 | |
| DIA_P250(1) | | CYL | | | | | |
| | DM | 0.25068 | 0.25000 | 0.00100 | 0.00000 | 0.00068 | |

| Text | Eval. | Actual | Nominal | Up.To1. | Low.To1. | Act-Nom | Graphic |
|---------------------------|-------|------------|---------|---------|----------|-------------|---------|
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|---------------------------|-------|--------|------------|---------|----------|-------------|---------|
| Text | Eval. | Actual | Nominal | Up.Tol. | Low.Tol. | Act-Nom | Graphic |

| | | | | | | | |
|--------------------|--|------------|---------|---------|----------|----------|--|
| DIA_P250(1) | | CYL | | | | | |
| X | | -0.00208 | 0.00000 | | | 0.00208 | |
| Z | | 2.53803 | 2.54000 | 0.00500 | -0.00500 | -0.00197 | |

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|--------------------|--|------------|---------|---------|----------|----------|-----------------|
| DIA_P250(2) | | CYL | | | | | |
| DM | | 0.25069 | 0.25000 | 0.00100 | 0.00000 | 0.00069 | |
| X | | 0.00249 | 0.00000 | | | 0.00249 | |
| Z | | 2.53396 | 2.54000 | 0.00500 | -0.00500 | -0.00604 | -0.00104 |

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|-----------------|--|------------|----------|---------|----------|----------|--|
| ANG_22P5 | | AXI | | | | | |
| PA_PXMY | | 22.30096 | 22.50000 | 0.50000 | -0.50000 | -0.19904 | |

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|-----------------|--|------------|---------|---------|----------|----------|--|
| DIST_P35 | | AXI | | | | | |
| DXYZ | | 0.34930 | 0.35000 | 0.02000 | -0.02000 | -0.00070 | |

| MANUAL MEASUREMENTS | | | |
|---------------------|-----------|--------|-------------------|
| DIMENSION | TOLERANCE | ACTUAL | ACCEPTABLE/REJECT |
| 4X 2.00 | ±0.020 | 2.000 | ACCEPTABLE |
| 45° | ±0.5° | 45° | ACCEPTABLE |
| 0.09 | ±0.020 | 0.088 | ACCEPTABLE |
| 4X 1.00 | ±0.020 | 1.000 | ACCEPTABLE |
| 8X R .25 | ±0.020 | 0.250 | ACCEPTABLE |
| 4X R 2.05 | ±0.020 | 2.0495 | ACCEPTABLE |
| 2X 4-40 UNC | ----- | ----- | ACCEPTABLE |
| 16X R .25 | ±0.020 | 0.248 | ACCEPTABLE |
| 4X DIA .07 | ±0.020 | 0.068 | ACCEPTABLE |
| 4X 0.25 | ±0.020 | 0.252 | ACCEPTABLE |
| 4X 0.20 | ±0.020 | 0.200 | ACCEPTABLE |
| 4X 0.312 | ±0.005 | 0.313 | ACCEPTABLE |
| 4X 0.165 | ±0.005 | 0.166 | ACCEPTABLE |
| DIA 3.800 | ±0.005 | 3.790 | ACCEPTABLE |
| POS 0.010 | 0.010 | 0.0022 | ACCEPTABLE |

| Text | Eval. | Actual | Nominal | Up.Tol. | Low.Tol. | Act-Nom | Graphic |
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