| pc-dmis | PART NAME : 481343_A | | May 16, 2012 | 13:56 |
|---|---|---|---|---|
| | REV NUMBER : | SER NUMBER : | STATS COUNT : | 1 |

SRF - 650MHZ
CAVITY, BETA = 0.9
SINGLE CELL ASSEMBLY
SERIAL NUMBER: B9AS-AES-005
RF#94367
INSPECTOR: O. LIRA

| ⌗ | MM | LOC1 - DATUM_C | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| Y | 0.000 | 0.000 | 0.500 | 0.500 | 0.000 | 0.000 |
| FL | 0.000 | 0.020 | 0.400 | 0.000 | 0.020 | 0.000 |

| ⌗ | MM | LOC2 - LEFT_FLANGE_PLN | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| Y | 567.500 | 567.108 | 0.500 | 0.500 | -0.392 | 0.000 |
| FL | 0.000 | 0.013 | 0.400 | 0.000 | 0.013 | 0.000 |

| ⌗ | MM | LOC3 - RIGHT_FLANGE_SEAL_SURF | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| Y | 1.000 | 0.987 | 0.500 | 0.500 | -0.013 | 0.000 |
| FL | 0.000 | 0.010 | 0.250 | 0.000 | 0.010 | 0.000 |

| FCFPERP1 | MM | ⊥ 0.4 B | | | | |
|---|---|---|---|---|---|---|
| Feature | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| DATUM_C | 0.000 | 0.076 | 0.400 | 0.000 | 0.076 | 0.000 |

| FCFPERP2 | MM | ⊥ 0.4 A | | | | |
|---|---|---|---|---|---|---|
| Feature | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| LEFT_FLANGE_... | 0.000 | 0.058 | 0.400 | 0.000 | 0.058 | 0.000 |

| FCFPARL1 | MM | // 0.5 C | | | | |
|---|---|---|---|---|---|---|
| Feature | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| LEFT_FLANGE_... | 0.000 | 0.081 | 0.500 | 0.000 | 0.081 | 0.000 |

| ⌗ | MM | LOC4 - DATUM_C | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |

| AX | I | J | K |
|---|---|---|---|
| V | 0.000 | -1.000 | 0.000 |

| ⌗ | MM | LOC5 - LEFT_FLANGE_PLN | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |

| AX | I | J | K |
|---|---|---|---|
| V | 0.000 | 1.000 | 0.000 |

| ⌗ | MM | LOC6 - RIGHT_FLANGE_SEAL_SURF | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |

| AX | I | J | K |
|---|---|---|---|
| V | 0.000 | -1.000 | 0.000 |

| ⌗ | MM | LOC7 - LEFT_FLANGE_SEAL_SURF | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |

| AX | I | J | K |
|---|---|---|---|
| V | 0.000 | 1.000 | 0.000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| MM | LOC8 - RIGHT_FLANGE_BEAM_TUBE_PLN | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| AX | | I | | J | | K |
| V | | 0.000 | | -1.000 | | 0.001 |
| MM | LOC9 - LEFT_FLANGE_BEAM_TUBE_PLN | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| AX | | I | | J | | K |
| V | | 0.000 | | 1.000 | | 0.000 |
| MM | DIST1 - LEFT_FLANGE_PLN TO LEFT_FLANGE_SEAL_SURF | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| M | 1.000 | 0.993 | 0.200 | 0.200 | -0.007 | 0.000 |
| MM | FLAT1 - LEFT_FLANGE_SEAL_SURF | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| M | 0.000 | 0.007 | 0.250 | 0.000 | 0.007 | 0.000 |
| MM | LOC10 - DATUM_B | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| D | 100.000 | 100.258 | 0.200 | 0.200 | 0.258 | 0.058 |
| RN | 0.000 | 0.244 | 0.050 | 0.000 | 0.244 | 0.194 |
| MM | LOC11 - DATUM_A_CYL1 | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| D | 100.000 | 100.264 | 0.200 | 0.200 | 0.264 | 0.064 |
| RN | 0.000 | 0.278 | 0.050 | 0.000 | 0.278 | 0.228 |
| MM | LOC12 - DAT_B_DAT_A_CYL1 | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| D | 100.000 | 100.261 | 0.050 | 0.050 | 0.261 | 0.211 |
| RN | 0.000 | 0.306 | 0.050 | 0.000 | 0.306 | 0.256 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MM | LOC13 - DATUM_B_END1 | | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL | BONUS |
| X | 0.000 | -0.020 | | | -0.020 | | |
| Y | 0.000 | 0.000 | | | 0.000 | | |
| Z | 0.000 | 0.025 | | | 0.025 | | |
| TP | RFS | 0.064 | 0.500 | | 0.064 | 0.000 | 0.000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| MM | LOC14 - DATUM_B_END2 | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| X | 0.000 | 0.017 | | | 0.017 | |
| Y | 170.000 | 170.000 | | | 0.000 | |
| Z | 0.000 | -0.037 | | | -0.037 | |
| TP | RFS | 0.082 | 0.500 | | 0.082 | 0.000 |

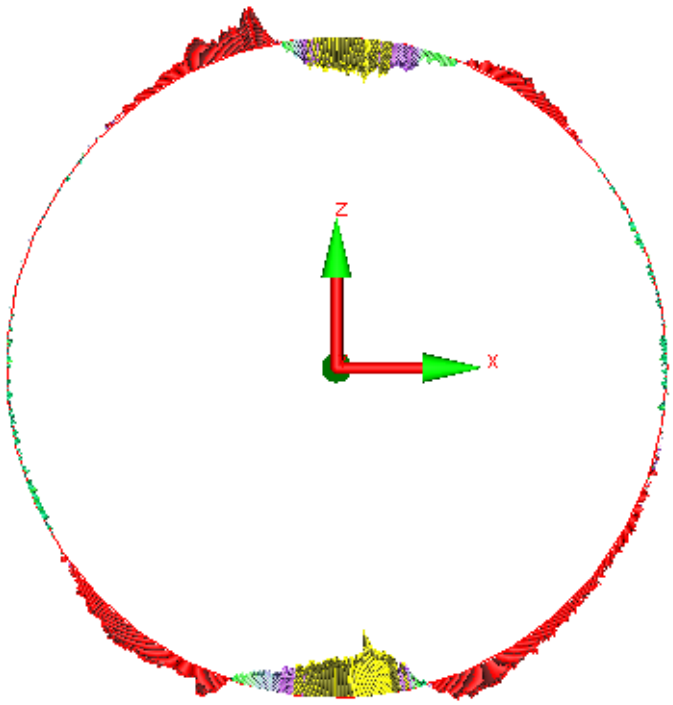
| | | | | | | |
|---|---|---|---|---|---|---|
| MM | LOC17 - DATUM_A_END1 | | | | | |
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| X | 0.000 | -0.033 | | | -0.033 | |
| Y | 567.500 | 567.500 | | | 0.000 | |
| Z | 0.000 | -0.007 | | | -0.007 | |
| TP | RFS | 0.067 | 0.500 | | 0.067 | 0.000 |

| ⌖ | MM | LOC18 - DATUM_A_END2 | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| X | 0.000 | 0.039 | | | 0.039 | |
| Y | 397.500 | 397.500 | | | 0.000 | |
| Z | 0.000 | 0.018 | | | 0.018 | |
| TP | RFS | 0.087 | 0.500 | | 0.087 | 0.000 |

| ⌗ | MM | LOC19 - FLANGE_RIGHT_OD | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| X | 0.000 | 0.009 | 0.050 | 0.050 | 0.009 | 0.000 |
| Z | 0.000 | 0.058 | 0.050 | 0.050 | 0.058 | 0.008 |
| D | 170.000 | 169.960 | 0.200 | 0.200 | -0.040 | 0.000 |
| RN | 0.000 | 0.017 | 0.100 | 0.000 | 0.017 | 0.000 |

| ⌗ | MM | LOC20 - FLANGE_LEFT_OD | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| X | 0.000 | -0.043 | 0.050 | 0.050 | -0.043 | 0.000 |
| Z | 0.000 | -0.009 | 0.050 | 0.050 | -0.009 | 0.000 |
| D | 170.000 | 169.956 | 0.200 | 0.200 | -0.044 | 0.000 |
| RN | 0.000 | 0.007 | 0.100 | 0.000 | 0.007 | 0.000 |

| ⌗ | MM | LOC21 - MID_WELD_CIR1 | | | | |
|---|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL |
| X | 0.000 | 0.035 | 0.500 | 0.500 | 0.035 | 0.000 |
| Y | 283.750 | 284.131 | 0.500 | 0.500 | 0.381 | 0.000 |
| Z | 0.000 | 0.145 | 0.500 | 0.500 | 0.145 | 0.000 |
| D | 404.550 | 404.807 | 0.050 | 0.000 | 0.257 | 0.207 |
| RN | 0.000 | 0.663 | 0.200 | 0.000 | 0.663 | 0.463 |




PROFILE OF TWO HALF CELLS CENTER WELD CIRCLE

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****************** NOTE ****************

  FOR THE FOLLOWING BOLT CIRCLE POSITIONS
TWO SECONDARY DATUM'S WERE CREATED AS FOLLOW:

1) RIGHT FLANGE SEALING SURFACE DATUM= RF

2) LEFT FLANGE SEALING SURFACE DATUM= LF

3) RIGHT FLANGE OUTSIDE DIAMETER DATUM= RO

4) LEFT FLANGE OUTSIDE DIAMETER DATUM= LO

  (SEE DRAWING 481600 FLANGE, HEX-SEAL)

*****************************************************
```

| FCFLOC1 Size | MM | 18XØ8.5 0.13/0.13 | | | | | |
|---|---|---|---|---|---|---|---|
| Feature | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL | BONUS |
| FLANGE_RIG... | 8.500 | 8.523 | 0.130 | 0.130 | 0.023 | 0.000 | 0.153 |
| FLANGE_RIG... | 8.500 | 8.530 | 0.130 | 0.130 | 0.030 | 0.000 | 0.160 |
| FLANGE_RIG... | 8.500 | 8.519 | 0.130 | 0.130 | 0.019 | 0.000 | 0.149 |
| FLANGE_RIG... | 8.500 | 8.516 | 0.130 | 0.130 | 0.016 | 0.000 | 0.146 |
| FLANGE_RIG... | 8.500 | 8.523 | 0.130 | 0.130 | 0.023 | 0.000 | 0.153 |
| FLANGE_RIG... | 8.500 | 8.522 | 0.130 | 0.130 | 0.022 | 0.000 | 0.152 |
| FLANGE_RIG... | 8.500 | 8.523 | 0.130 | 0.130 | 0.023 | 0.000 | 0.153 |
| FLANGE_RIG... | 8.500 | 8.522 | 0.130 | 0.130 | 0.022 | 0.000 | 0.152 |
| FLANGE_RIG... | 8.500 | 8.535 | 0.130 | 0.130 | 0.035 | 0.000 | 0.165 |
| FLANGE_RIG... | 8.500 | 8.513 | 0.130 | 0.130 | 0.013 | 0.000 | 0.143 |
| FLANGE_RIG... | 8.500 | 8.534 | 0.130 | 0.130 | 0.034 | 0.000 | 0.164 |
| FLANGE_RIG... | 8.500 | 8.539 | 0.130 | 0.130 | 0.039 | 0.000 | 0.169 |
| FLANGE_RIG... | 8.500 | 8.515 | 0.130 | 0.130 | 0.015 | 0.000 | 0.145 |
| FLANGE_RIG... | 8.500 | 8.521 | 0.130 | 0.130 | 0.021 | 0.000 | 0.151 |
| FLANGE_RIG... | 8.500 | 8.510 | 0.130 | 0.130 | 0.010 | 0.000 | 0.140 |
| FLANGE_RIG... | 8.500 | 8.524 | 0.130 | 0.130 | 0.024 | 0.000 | 0.154 |
| FLANGE_RIG... | 8.500 | 8.506 | 0.130 | 0.130 | 0.006 | 0.000 | 0.136 |
| FLANGE_RIG... | 8.500 | 8.506 | 0.130 | 0.130 | 0.006 | 0.000 | 0.136 |

| FCFLOC1 Position | MM | ⌖ Ø0.2 Ⓜ RF RO | | | | | |
|---|---|---|---|---|---|---|---|
| Feature | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL | BONUS |
| FLANGE_RIGH... | 0.000 | 0.003 | 0.200 | | 0.003 | 0.000 | 0.153 |
| FLANGE_RIGH... | 0.000 | 0.026 | 0.200 | | 0.026 | 0.000 | 0.160 |
| FLANGE_RIGH... | 0.000 | 0.027 | 0.200 | | 0.027 | 0.000 | 0.149 |
| FLANGE_RIGH... | 0.000 | 0.034 | 0.200 | | 0.034 | 0.000 | 0.146 |
| FLANGE_RIGH... | 0.000 | 0.034 | 0.200 | | 0.034 | 0.000 | 0.153 |
| FLANGE_RIGH... | 0.000 | 0.023 | 0.200 | | 0.023 | 0.000 | 0.152 |

| | | | |
|---|---|---|---|
| FLANGE_RIGHT_CIR7 | 0.025 | 0.153 | |
| FLANGE_RIGHT_CIR8 | 0.015 | 0.152 | |
| FLANGE_RIGHT_CIR9 | 0.050 | 0.165 | |
| FLANGE_RIGHT_CIR10 | 0.059 | 0.143 | |
| FLANGE_RIGHT_CIR11 | 0.042 | 0.164 | |
| FLANGE_RIGHT_CIR12 | 0.044 | 0.169 | |
| FLANGE_RIGHT_CIR13 | 0.048 | 0.145 | |
| FLANGE_RIGHT_CIR14 | 0.015 | 0.151 | |
| FLANGE_RIGHT_CIR15 | 0.035 | 0.140 | |
| FLANGE_RIGHT_CIR16 | 0.047 | 0.154 | |
| FLANGE_RIGHT_CIR17 | 0.052 | 0.136 | |
| FLANGE_RIGHT_CIR18 | 0.027 | 0.136 | |

FCFLOC1 Datum Shift

| Segment | Shift X | Shift Y | Shift Z | Rotation X | Rotation Y | Rotation Z |
|---|---|---|---|---|---|---|
| Segment 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.000 |

FCFLOC1 Summary FIT TO DATUMS=ON, DEV PERPEN CENTERLINE=ON

| Feature | AX | NOMINAL | MEAS | DEV |
|---|---|---|---|---|
| FLANGE_RIGHT_TOP_CIR1 | PR | 75.800 | 75.801 | 0.001 |
| | PA | 90.000 | 90.000 | 0.000 |
| FLANGE_RIGHT_CIR2 | PR | 75.800 | 75.794 | -0.006 |
| | PA | 110.000 | 109.991 | -0.009 |
| FLANGE_RIGHT_CIR3 | PR | 75.800 | 75.787 | -0.013 |
| | PA | 130.000 | 129.998 | -0.002 |
| FLANGE_RIGHT_CIR4 | PR | 75.800 | 75.784 | -0.016 |
| | PA | 150.000 | 149.997 | -0.003 |
| FLANGE_RIGHT_CIR5 | PR | 75.800 | 75.783 | -0.017 |
| | PA | 170.000 | 169.999 | -0.001 |
| FLANGE_RIGHT_CIR6 | PR | 75.800 | 75.800 | 0.000 |
| | PA | 190.000 | 189.991 | -0.009 |
| FLANGE_RIGHT_CIR7 | PR | 75.800 | 75.787 | -0.013 |
| | PA | 210.000 | 210.000 | 0.000 |
| FLANGE_RIGHT_CIR8 | PR | 75.800 | 75.794 | -0.006 |
| | PA | 230.000 | 229.997 | -0.003 |
| FLANGE_RIGHT_CIR9 | PR | 75.800 | 75.775 | -0.025 |
| | PA | 250.000 | 249.998 | -0.002 |

| | | | | |
|---|---|---|---|---|
| FLANGE_RIGHT_CIR10 | PR | 75.800 | 75.771 | -0.029 |
| | PA | 270.000 | 270.000 | 0.000 |
| FLANGE_RIGHT_CIR11 | PR | 75.800 | 75.789 | -0.011 |
| | PA | 290.000 | 290.014 | 0.014 |
| FLANGE_RIGHT_CIR12 | PR | 75.800 | 75.804 | 0.004 |
| | PA | 310.000 | 310.017 | 0.017 |
| FLANGE_RIGHT_CIR13 | PR | 75.800 | 75.823 | 0.023 |
| | PA | 330.000 | 329.995 | -0.005 |
| FLANGE_RIGHT_CIR14 | PR | 75.800 | 75.805 | 0.005 |
| | PA | 350.000 | 349.996 | -0.004 |
| FLANGE_RIGHT_CIR15 | PR | 75.800 | 75.787 | -0.013 |
| | PA | 10.000 | 9.991 | -0.009 |
| FLANGE_RIGHT_CIR16 | PR | 75.800 | 75.777 | -0.023 |
| | PA | 30.000 | 29.996 | -0.004 |
| FLANGE_RIGHT_CIR17 | PR | 75.800 | 75.776 | -0.024 |
| | PA | 50.000 | 49.993 | -0.007 |
| FLANGE_RIGHT_CIR18 | PR | 75.800 | 75.789 | -0.011 |
| | PA | 70.000 | 69.995 | -0.005 |

| FCFLOC2 Size | MM | 18XØ8.5 0.13/0.13 |
|---|---|---|

| Feature | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL | BONUS |
|---|---|---|---|---|---|---|---|
| FLANGE_LEF... | 8.500 | 8.507 | 0.130 | 0.130 | 0.007 | 0.000 | 0.137 |
| FLANGE_LEF... | 8.500 | 8.510 | 0.130 | 0.130 | 0.010 | 0.000 | 0.140 |
| FLANGE_LEF... | 8.500 | 8.501 | 0.130 | 0.130 | 0.001 | 0.000 | 0.131 |
| FLANGE_LEF... | 8.500 | 8.507 | 0.130 | 0.130 | 0.007 | 0.000 | 0.137 |
| FLANGE_LEF... | 8.500 | 8.501 | 0.130 | 0.130 | 0.001 | 0.000 | 0.131 |
| FLANGE_LEF... | 8.500 | 8.500 | 0.130 | 0.130 | 0.000 | 0.000 | 0.130 |
| FLANGE_LEF... | 8.500 | 8.508 | 0.130 | 0.130 | 0.008 | 0.000 | 0.138 |
| FLANGE_LEF... | 8.500 | 8.525 | 0.130 | 0.130 | 0.025 | 0.000 | 0.155 |
| FLANGE_LEF... | 8.500 | 8.509 | 0.130 | 0.130 | 0.009 | 0.000 | 0.139 |
| FLANGE_LEF... | 8.500 | 8.514 | 0.130 | 0.130 | 0.014 | 0.000 | 0.144 |
| FLANGE_LEF... | 8.500 | 8.508 | 0.130 | 0.130 | 0.008 | 0.000 | 0.138 |
| FLANGE_LEF... | 8.500 | 8.531 | 0.130 | 0.130 | 0.031 | 0.000 | 0.161 |
| FLANGE_LEF... | 8.500 | 8.513 | 0.130 | 0.130 | 0.013 | 0.000 | 0.143 |
| FLANGE_LEF... | 8.500 | 8.532 | 0.130 | 0.130 | 0.032 | 0.000 | 0.162 |
| FLANGE_LEF... | 8.500 | 8.501 | 0.130 | 0.130 | 0.001 | 0.000 | 0.131 |
| FLANGE_LEF... | 8.500 | 8.508 | 0.130 | 0.130 | 0.008 | 0.000 | 0.138 |
| FLANGE_LEF... | 8.500 | 8.510 | 0.130 | 0.130 | 0.010 | 0.000 | 0.140 |
| FLANGE_LEF... | 8.500 | 8.504 | 0.130 | 0.130 | 0.004 | 0.000 | 0.134 |

| FCFLOC2 Position | MM | ⌖ Ø0.2 Ⓜ LF LO |
|---|---|---|

| Feature | NOMINAL | MEAS | +TOL | -TOL | DEV | OUTTOL | BONUS |
|---|---|---|---|---|---|---|---|
| FLANGE_LEFT_CIR1 | 0.000 | 0.024 | 0.200 | | 0.024 | 0.000 | 0.137 |
| FLANGE_LEFT_CIR2 | 0.000 | 0.033 | 0.200 | | 0.033 | 0.000 | 0.140 |
| FLANGE_LEFT_CIR3 | 0.000 | 0.031 | 0.200 | | 0.031 | 0.000 | 0.131 |

| | | | |
|---|---|---|---|
| FLANGE_LEFT_CIR4 | 0.037 | 0.137 | |
| FLANGE_LEFT_CIR5 | 0.051 | 0.131 | |
| FLANGE_LEFT_CIR6 | 0.071 | 0.130 | |
| FLANGE_LEFT_CIR7 | 0.062 | 0.138 | |
| FLANGE_LEFT_CIR8 | 0.039 | 0.155 | |
| FLANGE_LEFT_CIR9 | 0.059 | 0.139 | |
| FLANGE_LEFT_CIR10 | 0.052 | 0.144 | |
| FLANGE_LEFT_CIR11 | 0.068 | 0.138 | |
| FLANGE_LEFT_CIR12 | 0.064 | 0.161 | |
| FLANGE_LEFT_CIR13 | 0.057 | 0.143 | |
| FLANGE_LEFT_CIR14 | 0.071 | 0.162 | |
| FLANGE_LEFT_CIR15 | 0.072 | 0.131 | |
| FLANGE_LEFT_CIR16 | 0.053 | 0.138 | |
| FLANGE_LEFT_CIR17 | 0.027 | 0.140 | |
| FLANGE_LEFT_CIR18 | 0.023 | 0.134 | |

FCFLOC2 Datum Shift

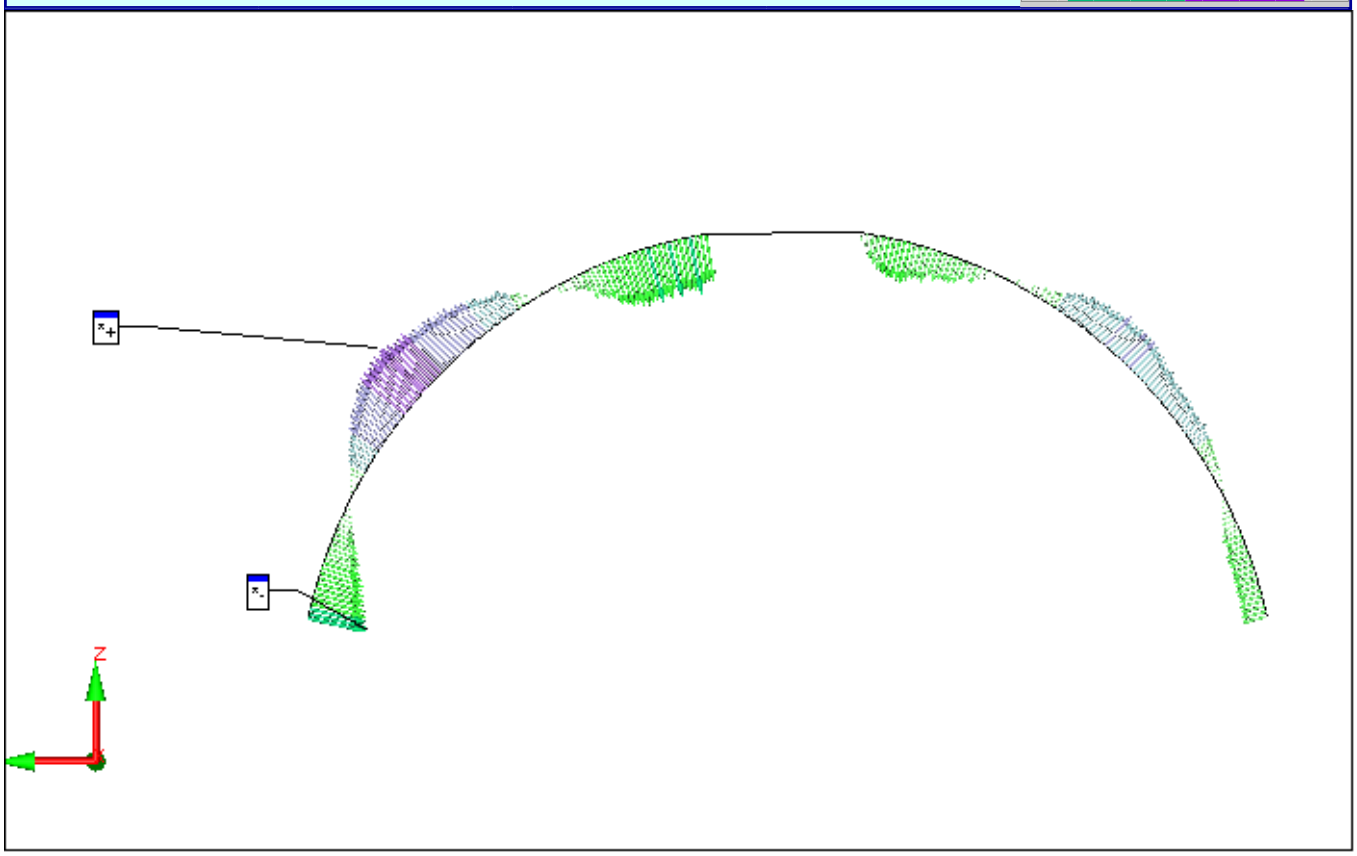
| Segment | Shift X | Shift Y | Shift Z | Rotation X | Rotation Y | Rotation Z |
|---|---|---|---|---|---|---|
| Segment 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.087 | 0.000 |

FCFLOC2 Summary FIT TO DATUMS=ON, DEV PERPEN CENTERLINE=ON

| Feature | AX | NOMINAL | MEAS | DEV |
|---|---|---|---|---|
| FLANGE_LEFT_CIR1 | PR | 75.800 | 75.812 | 0.012 |
| | PA | 90.000 | 90.002 | 0.002 |
| FLANGE_LEFT_CIR2 | PR | 75.800 | 75.810 | 0.010 |
| | PA | 110.000 | 110.010 | 0.010 |
| FLANGE_LEFT_CIR3 | PR | 75.800 | 75.803 | 0.003 |
| | PA | 130.000 | 129.988 | -0.012 |
| FLANGE_LEFT_CIR4 | PR | 75.800 | 75.794 | -0.006 |
| | PA | 150.000 | 149.987 | -0.013 |
| FLANGE_LEFT_CIR5 | PR | 75.800 | 75.781 | -0.019 |
| | PA | 170.000 | 169.988 | -0.012 |
| FLANGE_LEFT_CIR6 | PR | 75.800 | 75.766 | -0.034 |
| | PA | 190.000 | 189.994 | -0.006 |

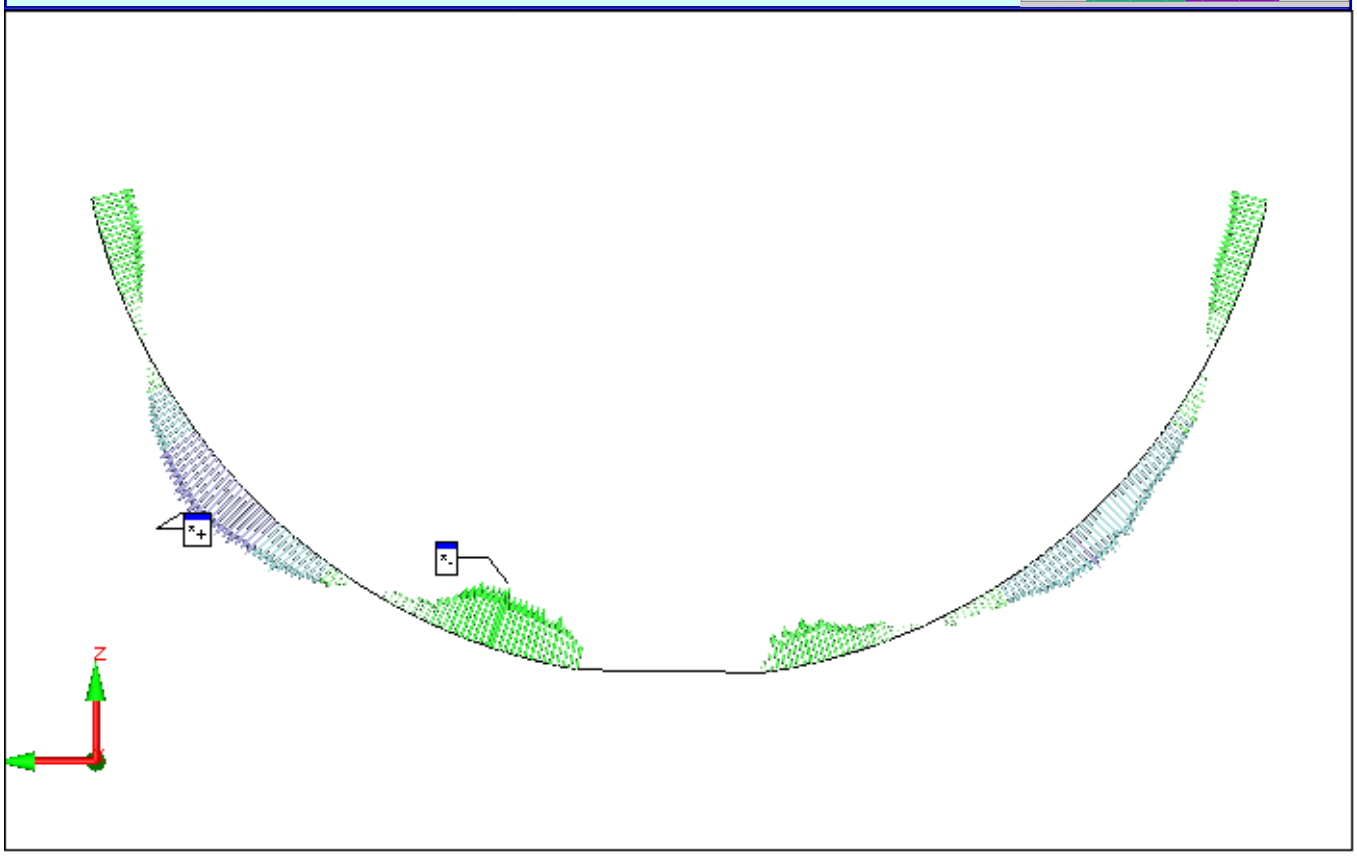
| | | | | |
|---|---|---|---|---|
| FLANGE_LEFT_CIR7 | PR | 75.800 | 75.770 | -0.030 |
| | PA | 210.000 | 210.007 | 0.007 |
| FLANGE_LEFT_CIR8 | PR | 75.800 | 75.785 | -0.015 |
| | PA | 230.000 | 230.009 | 0.009 |
| FLANGE_LEFT_CIR9 | PR | 75.800 | 75.780 | -0.020 |
| | PA | 250.000 | 250.016 | 0.016 |
| FLANGE_LEFT_CIR10 | PR | 75.800 | 75.782 | -0.018 |
| | PA | 270.000 | 270.014 | 0.014 |
| FLANGE_LEFT_CIR11 | PR | 75.800 | 75.771 | -0.029 |
| | PA | 290.000 | 290.014 | 0.014 |
| FLANGE_LEFT_CIR12 | PR | 75.800 | 75.775 | -0.025 |
| | PA | 310.000 | 310.016 | 0.016 |
| FLANGE_LEFT_CIR13 | PR | 75.800 | 75.777 | -0.023 |
| | PA | 330.000 | 330.013 | 0.013 |
| FLANGE_LEFT_CIR14 | PR | 75.800 | 75.781 | -0.019 |
| | PA | 350.000 | 350.023 | 0.023 |
| FLANGE_LEFT_CIR15 | PR | 75.800 | 75.813 | 0.013 |
| | PA | 10.000 | 10.025 | 0.025 |
| FLANGE_LEFT_CIR16 | PR | 75.800 | 75.815 | 0.015 |
| | PA | 30.000 | 30.017 | 0.017 |
| FLANGE_LEFT_CIR17 | PR | 75.800 | 75.813 | 0.013 |
| | PA | 50.000 | 50.004 | 0.004 |
| FLANGE_LEFT_CIR18 | PR | 75.800 | 75.799 | -0.001 |
| | PA | 70.000 | 70.008 | 0.008 |

| FCFPROF1 | MM | .3 | FORMONLY VECTOR_LST_SQR ABOUT XPLUS | |
|---|---|---|---|---|
| Feature | MEAS | MAX | MIN | |
| Set | 0.217 | 0.109 | -0.107 | |



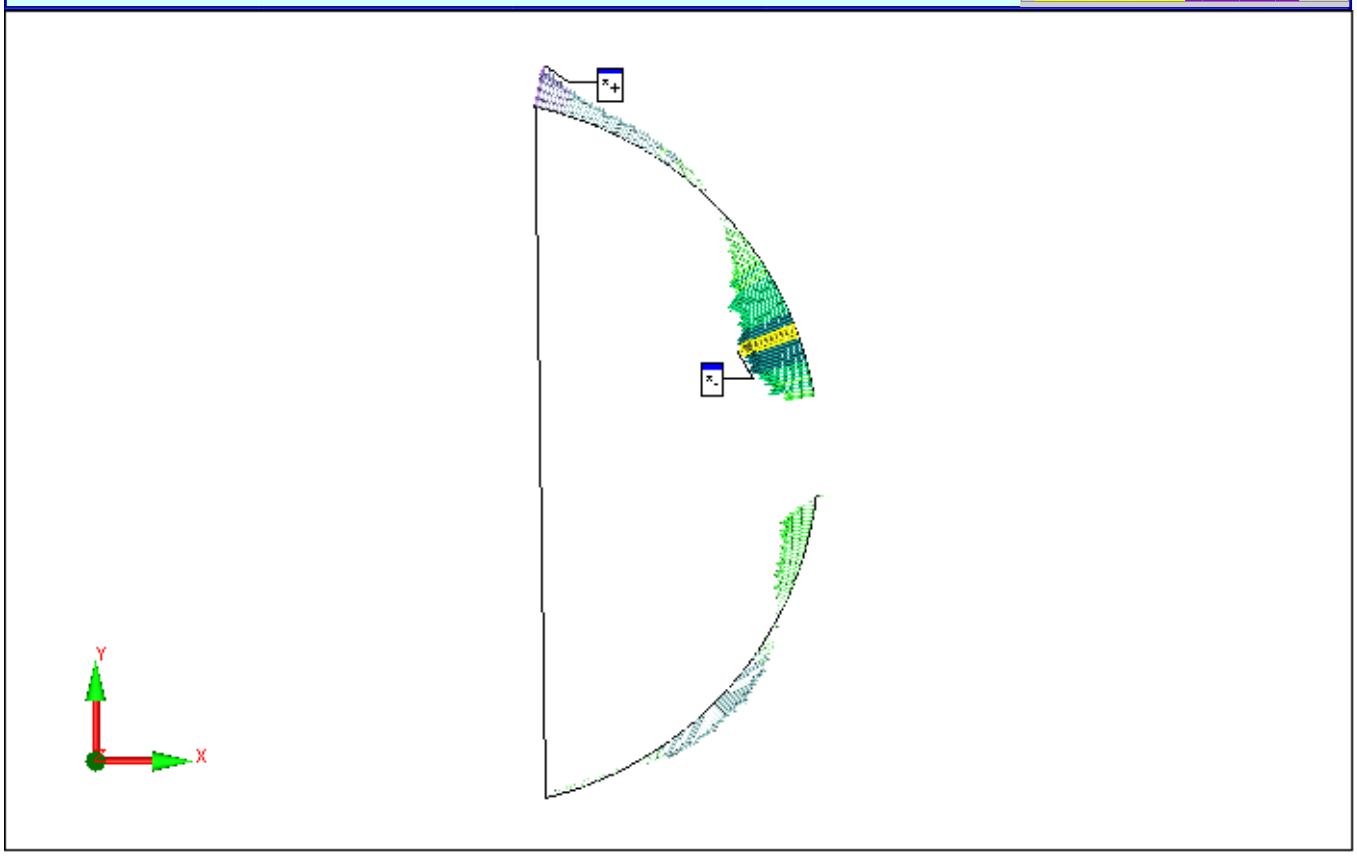

PROFILE OF RIGHT AND LEFT HALF CELLS 12 'O' CLOCK- X100

| FCFPROF2 | MM | .3 | FORMONLY VECTOR_LST_SQR ABOUT XPLUS | |
|---|---|---|---|---|
| Feature | MEAS | MAX | MIN | |
| Set | 0.177 | 0.086 | -0.091 | |



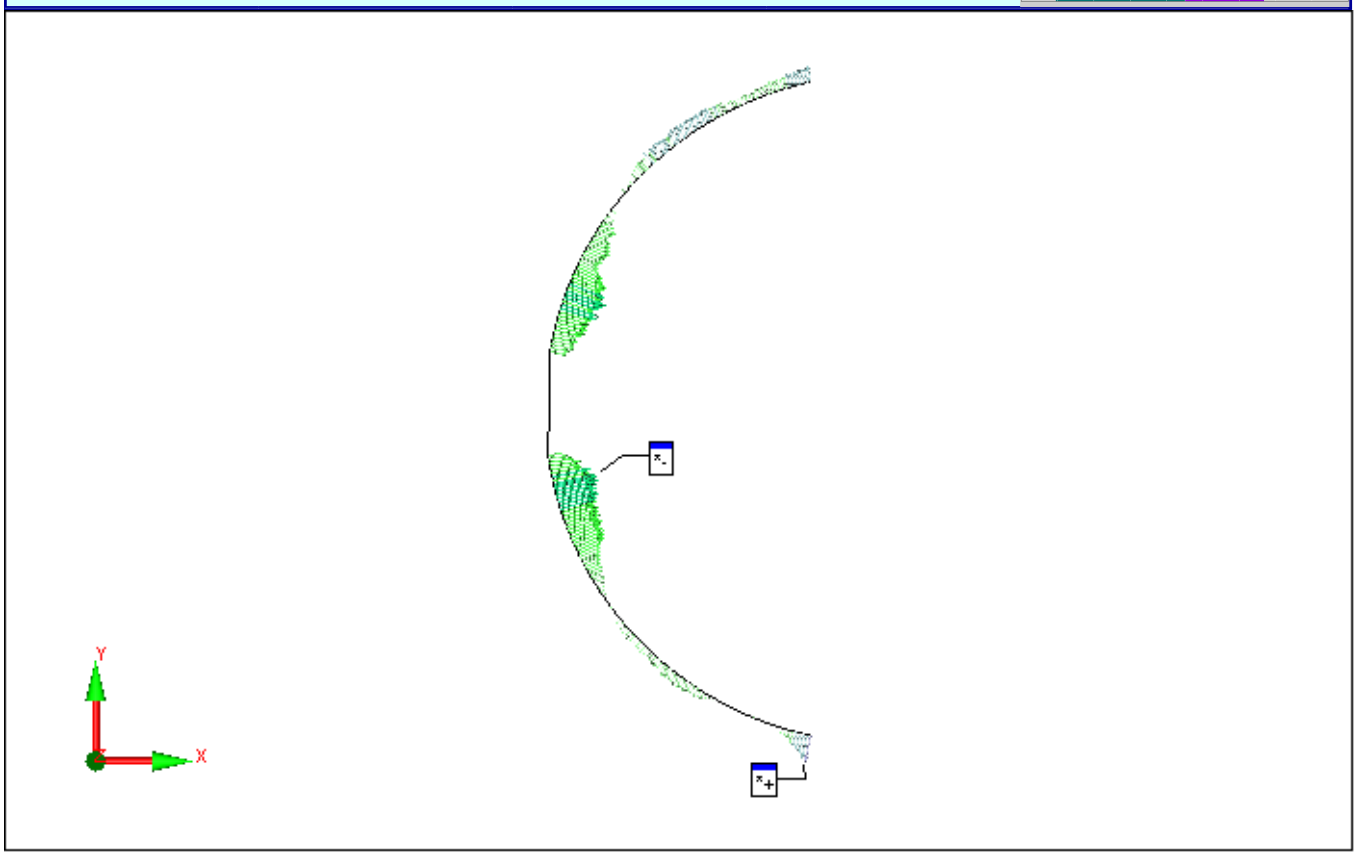

PROFILE OF RIGHT AND LEFT HALF CELLS 6 'O' CLOCK- X100

| FCFPROF3 | MM | .3 | FORMONLY VECTOR_LST_SQR ABOUT XPLUS | |
|---|---|---|---|---|
| Feature | MEAS | MAX | MIN | |
| Set | 0.259 | 0.105 | -0.154 | |

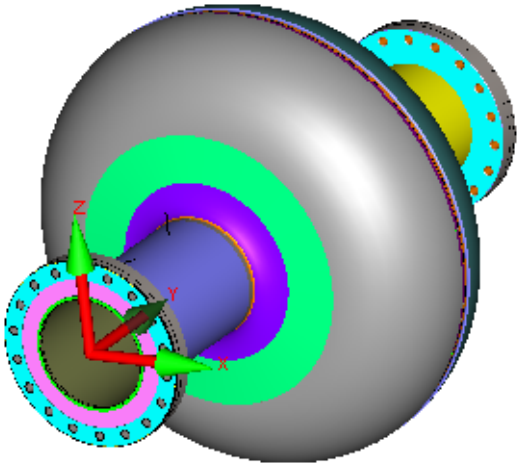



PROFILE OF RIGHT AND LEFT HALF CELLS 3 'O' CLOCK- X100

| FCFPROF4 | MM | .3 | FORMONLY VECTOR_LST_SQR ABOUT XPLUS | |
|---|---|---|---|---|
| Feature | MEAS | MAX | MIN | |
| Set | 0.191 | 0.073 | -0.118 | |



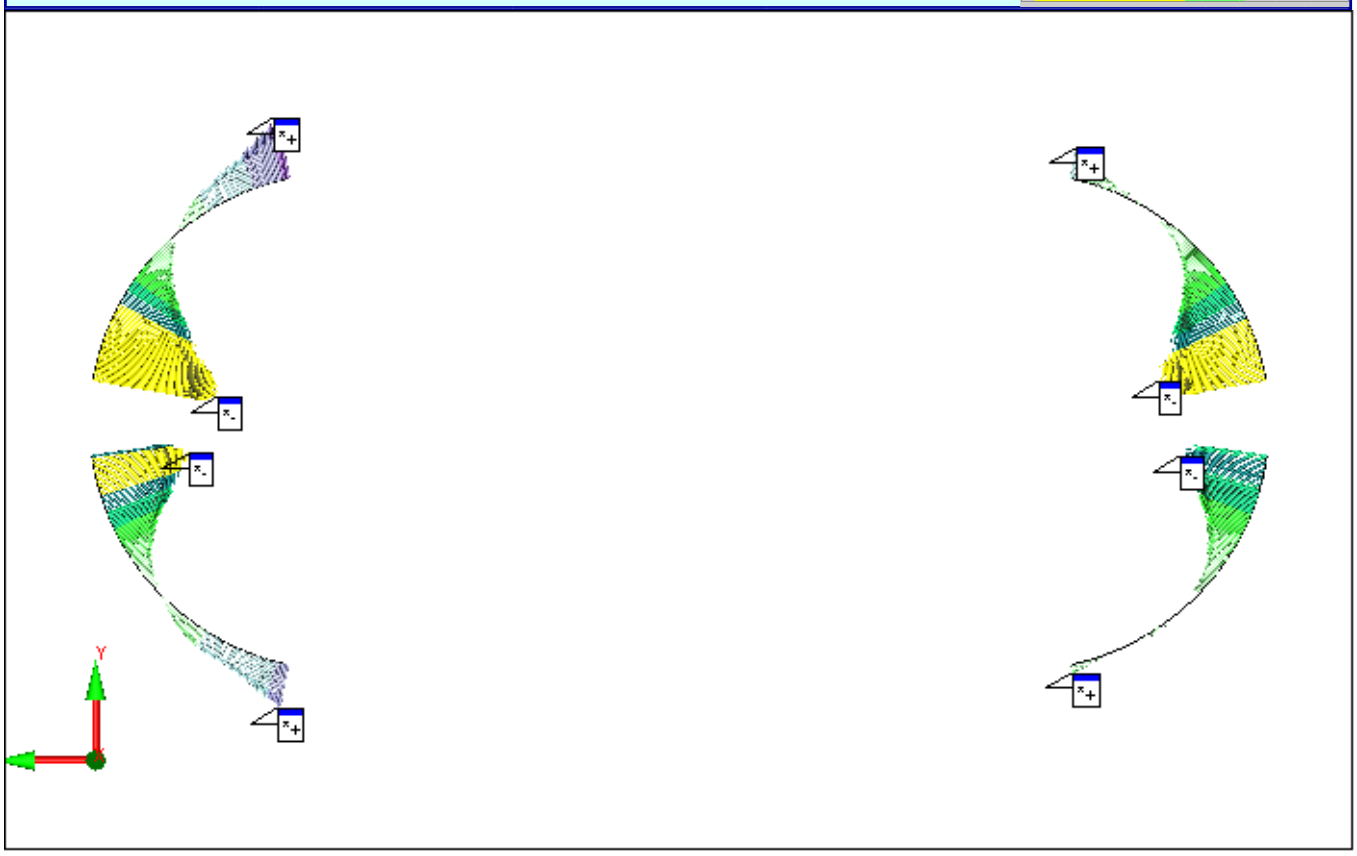

PROFILE OF RIGHT AND LEFT HALF CELLS 9 'O' CLOCK- X100




| 1 | MM | FLANGE_RIGHT SURFACE FINISH | | | |
|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | DEV | OUTTOL | |
| M | 0.400 | 0.800 | 0.400 | 0.390 | |

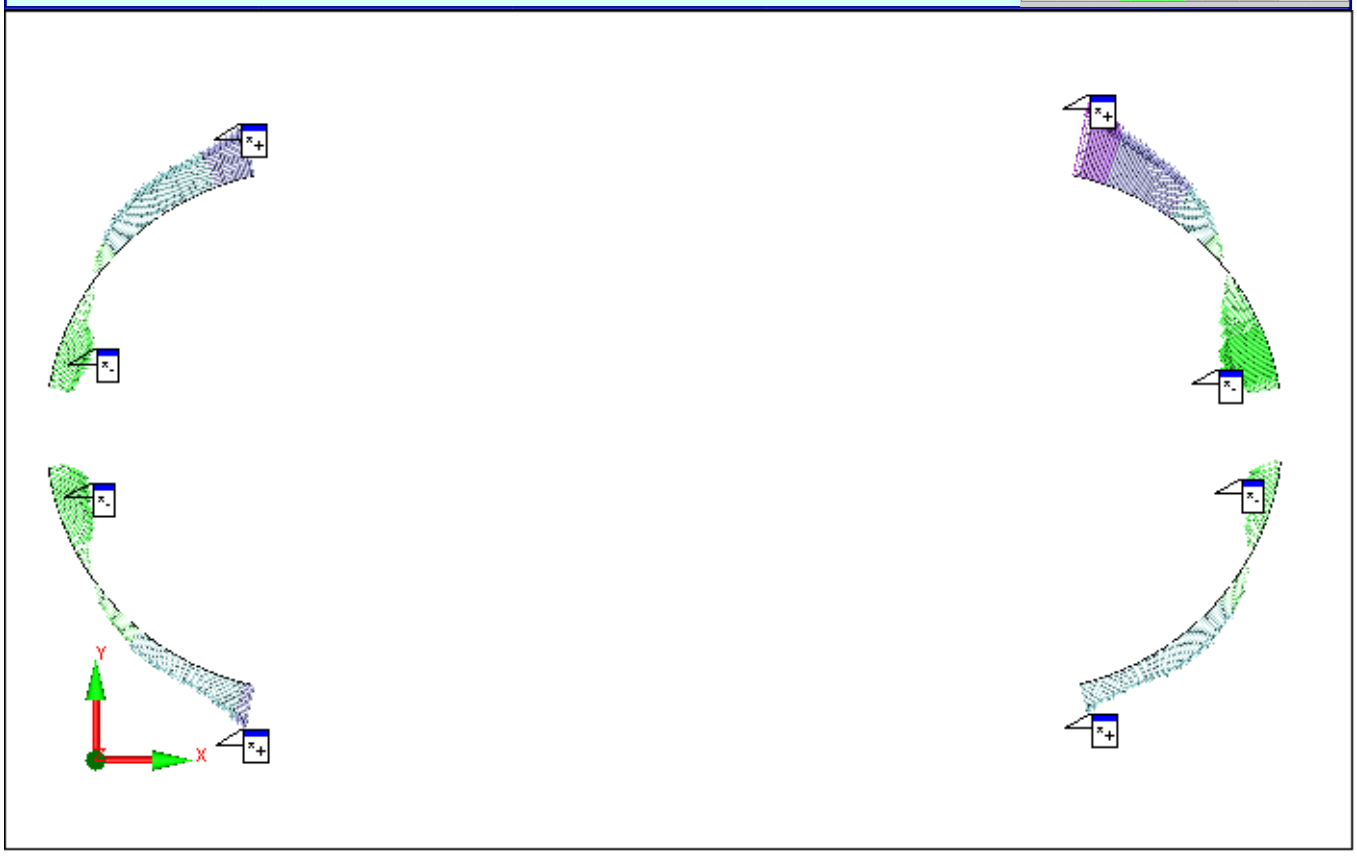
| 1 | MM | FLANGE_LEFT SURFACE FINISH | | | |
|---|---|---|---|---|---|
| AX | NOMINAL | MEAS | DEV | OUTTOL | |
| M | 0.400 | 0.520 | 0.120 | 0.110 | |

| | | | | |
|---|---|---|---|---|
| ⌒ | MM | PROF10 - ZPLUS_RIGHT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.494 | 0.157 | -0.337 |
| ⌒ | MM | PROF11 - ZPLUS_LEFT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.657 | 0.214 | -0.443 |
| ⌒ | MM | PROF14 - ZMINUS_RIGHT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.325 | 0.034 | -0.291 |
| ⌒ | MM | PROF15 - ZMINUS_LEFT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.471 | 0.110 | -0.361 |




BESTFIT TO ALL 8 SCANS PROFILE OF RIGHT AND LEFT HALF CELLS 12'O' and 6'0'CLOCK -X100

| | | | | |
|---|---|---|---|---|
| ⌒ | MM | PROF12 - XPLUS_LEFT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.446 | 0.270 | -0.175 |
| ⌒ | MM | PROF13 - XPLUS_RIGHT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.220 | 0.104 | -0.116 |
| ⌒ | MM | PROF16 - XMINUS_RIGHT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.282 | 0.151 | -0.131 |
| ⌒ | MM | PROF17 - XMINUS_LEFT_SCN1 FORMANDLOCATION | | |
| AX | | MEAS | MAX | MIN |
| M | | 0.293 | 0.173 | -0.120 |




BESTFIT TO ALL 8 SCANS PROFILE OF RIGHT AND LEFT HALF CELLS 9'O' and 3'0'CLOCK- X100