

Part Setup

Part Number: Point Cloud - 76.2 mm OD - 188 points total

Unit: Millimeters

Diameter: 76.22

VTube Measured XYZ Data

| Point | X | Υ | Z | Radius | |
|-------|--------|---------|-------|--------|--|
| 1 | 262.07 | -159.12 | 4.57 | | |
| 2 | 499.50 | -73.05 | 30.49 | | |

JDPM XYZ Data

| Point | X | Υ | Z | Radius | | |
|-------|--------|---------|-------|--------|--|--|
| 1 | 262.31 | -160.28 | 5.00 | | | |
| 2 | 499.08 | -72.26 | 30.36 | | | |

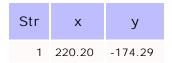
VTube Vector Data

| Str | Х | У | Z |
|-----|------------|------------|------------|
| 1 | 0.93523019 | 0.33900283 | 0.10208607 |

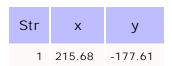
JDPM Vector Data

| Str | Х | У | Z | | |
|-----|------------|------------|------------|--|--|
| 1 | 0.93263563 | 0.34671321 | 0.09990360 | | |

VTube NLREG Intercept Data



JDPM Intercept Data



JDPM Log Data

| Num | JDPM Notes | | | | | |
|-----|---|--|--|--|--|--|
| | Axis Direction = (0.9326, 0.3467, 0.0999) | | | | | |
| | OD = 75.9209 (0.2991 mm smaller) | | | | | |
| 1 | Intercept = (215.6756, -177.6148, 0.0000) | | | | | |
| | Length Estimate = 254.209 | | | | | |
| | L/OD Ratio = 3.3483 | | | | | |
| | | | | | | |

End Length / End Angle Statistics

| En | d | Length | Angle | End Offset |
|----|---|--------|-------|------------|
| | Α | 0.13 | 0.48 | 1.25 |
| | В | -0.14 | 0.48 | 0.90 |

Critical Point Statistics

| Straight | T1d | T1t | T1ot | MPd | MPt | MPot | T2d | T2t | T2ot | Avg | Max |
|----------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 1.25 | 3.00 | 0.00 | 0.21 | 3.00 | 0.00 | 0.90 | 3.00 | 0.00 | 0.79 | 1.25 |