



$$z(x, y) = C_{x0y1} \frac{y}{R} + C_{x2y0} \left(\frac{x}{R}\right)^2 + C_{x0y2} \left(\frac{y}{R}\right)^2 + C_{x2y1} \left(\frac{x}{R}\right)^2 \frac{y}{R} + C_{x0y3} \left(\frac{y}{R}\right)^3 + C_{x4y0} \left(\frac{x}{R}\right)^4 + C_{x2y2} \left(\frac{x}{R}\right)^2 \left(\frac{y}{R}\right)^2 + C_{x0y4} \left(\frac{y}{R}\right)^4$$

| M2     | Norm Radius | X0Y1       | X2Y0        | X0Y2        | X2Y1     | X0Y3      | X4Y0      | X2Y2      | X0Y4      |           |           |
|--------|-------------|------------|-------------|-------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Value  | 2500.0      | -17.605563 | -403.060731 | -230.505541 | 61.66455 | 25.422923 | 11.697056 | -2.427194 | -3.5109   |           |           |
| M2     | r=2500 mm   | r=2000 mm  | r=1500 mm   | r=1000 mm   | r=500 mm | r=0 mm    | r=500 mm  | r=1000 mm | r=1500 mm | r=2000 mm | r=2500 mm |
| (r, 0) | -391.364    | -253.168   | -143.586    | -64.190     | -16.104  | 0.000     | -16.104   | -64.190   | -143.586  | -253.168  | -391.364  |
| (0, r) | -241.834    | -147.894   | -78.365     | -31.556     | -9.908   | 0.000     | -12.544   | -42.386   | -88.509   | -150.030  | -226.199  |

|   |             |  |           |            |  |           |                           |  |  |                      |  |              |  |      |  |
|---|-------------|--|-----------|------------|--|-----------|---------------------------|--|--|----------------------|--|--------------|--|------|--|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MILLIMETERS<br>SURFACE FINISH:<br>TOLERANCES:<br>LINEAR:<br>ANGULAR: |             |  |           |            |  | FINISH:   |                           | DEBURR AND BREAK SHARP EDGES                 |  | DO NOT SCALE DRAWING |  | REVISION     |  | V1.1 |  |
|   | NAME        |  | SIGNATURE | DATE       |  |           | TITLE:<br><br><h1>M2</h1> |  |  |                      |  |              |  |      |  |
| DRAWN   | P. GALLARDO |  |           | 06-21-2021 |  |           |                           |  |  |                      |  |              |  |      |  |
| CHK'D   |             |  |           |            |  |           |                           |  |  |                      |  |              |  |      |  |
| APP'VD  |             |  |           |            |  |           |                           |  |  |                      |  |              |  |      |  |
| MFG   |             |  |           |            |  |           |                           |  |  |                      |  |              |  |      |  |
| Q.A   |             |  |           |            |  |           |                           |  |  |                      |  |              |  |      |  |
|   |             |  |           |            |  |           |                           |  |  |                      |  |              |  |      |  |
|   |             |  |           |            |  | MATERIAL: |                           | DWG NO.<br><h2>TMP_Mech_Var10C_M2</h2><br>A4 |  |                      |  |              |  |      |  |
|   |             |  |           |            |  | WEIGHT:   |                           | SCALE:1:48                                   |  |                      |  | SHEET 1 OF 1 |  |      |  |