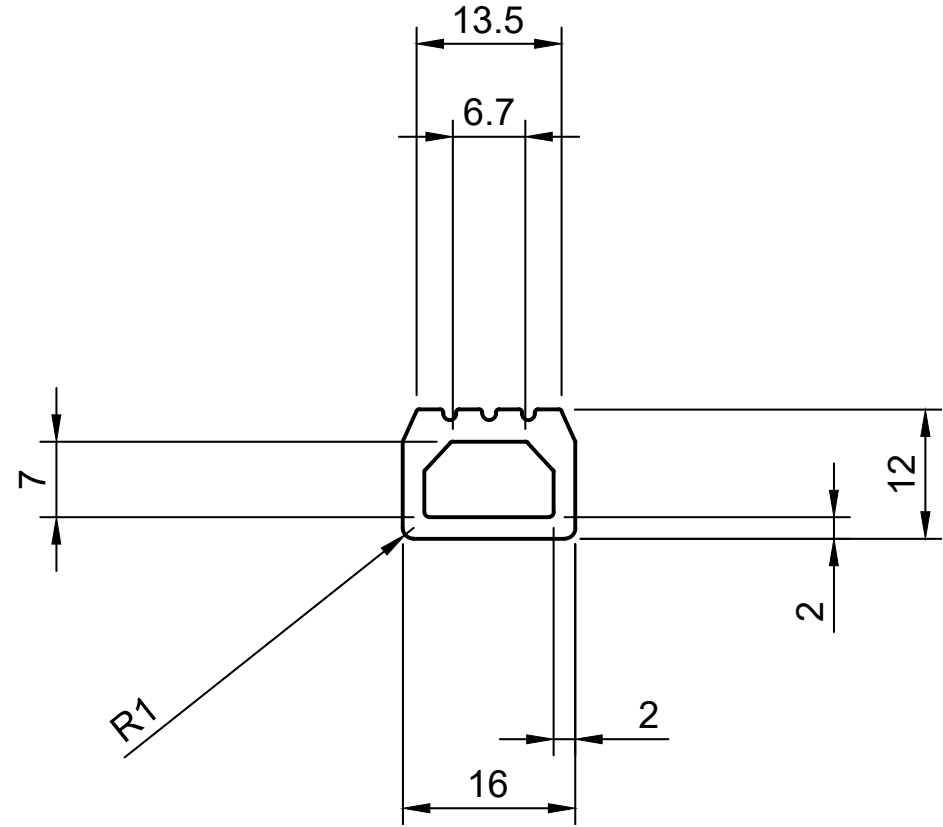
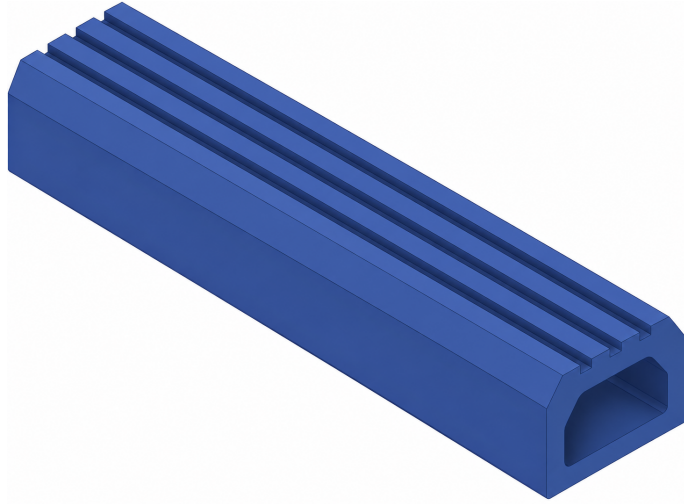
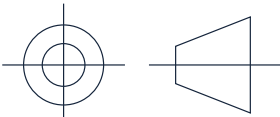


## CASTELLATED INFLATABLE SEAL PROFILE



|                            |       |       |                                     |                     |                         |      |                                                                                                                                                 |                          |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
|----------------------------|-------|-------|-------------------------------------|---------------------|-------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inflated height (mm)       | 14    | Over  | Nominal size<br>Up to and including | Tolerance E3<br>+/- | Manufacturing tolerance |      |  <b>INFLATABLE GASKETS</b><br>INFLATABLE SEALING SOLUTIONS | Date<br>09.09.2026       |                                                                                                    | Page<br>A4 · 1/1          |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
| Cross-sectional area (mm²) | 107   |       |                                     |                     | ISO 3302-1: 2014 E3     |      |                                                                                                                                                 | Drawn by<br>Serhat Çınar |                                                                                                    | Approved by<br>Arif Çınar |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
| Weight (kg/m)              | 0.139 |       |                                     |                     | 0.0                     | 1.5  |                                                                                                                                                 | 0.40                     | Material<br><br>Silicone rubber                                                                    |                           | Revision No: 0                                                                                                                                                       |  | Scale: -                                                                                                                                                                                             |  |
| INFLATION PRESSURE (bar)   |       |       |                                     |                     | 1.5                     | 2.5  |                                                                                                                                                 | 0.50                     |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
|                            |       |       |                                     |                     | 2.5                     | 4.0  |                                                                                                                                                 | 0.70                     |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
| Recommended                | 1.03  |       |                                     |                     | 4.0                     | 6.3  |                                                                                                                                                 | 0.80                     | Hardness: 60 Shore A    Colour: Natural                                                            |                           | Beykent Industrial Estate<br>141 Sakarya Street<br>Buyukcekmece / Istanbul<br>Turkey<br>+90 538 840 29 87<br>info@inflatablegaskets.com<br>www.inflatablegaskets.com |  | Prepared by Çınar Silikon<br>Mam. San. ve Tic. Ltd. Şti.<br>Reproduction or sharing<br>with third parties requires<br>prior written permission.<br><br>info@cinarsilikon.com<br>www.cinarsilikon.com |  |
| Maximum                    | 1.24  |       |                                     |                     | 6.3                     | 10.0 |                                                                                                                                                 | 1.00                     |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
| MIN. BEND RADIUS (mm)      |       |       |                                     |                     | 10.0                    | 16.0 |                                                                                                                                                 | 1.30                     | Projection<br> |                           | Castellated<br>Inflatable Seal Profile                                                                                                                               |  |                                                                                                                                                                                                      |  |
|                            |       |       |                                     |                     | 16.0                    | 25.0 |                                                                                                                                                 | 1.60                     |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
| Radially inward            | 90    |       |                                     |                     | 25.0                    | 40.0 |                                                                                                                                                 | 2.00                     |                                                                                                    |                           | Profile No.<br><br><b>4539</b>                                                                                                                                       |  |                                                                                                                                                                                                      |  |
| Radially outward           | 90    | 40.0  | 63.0                                | 2.50                |                         |      |                                                                                                                                                 |                          |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
|                            |       | 63.0  | 100.0                               | 3.20                |                         |      |                                                                                                                                                 |                          |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |
| Axial                      | 200   | 100.0 | -                                   | 3.2%                |                         |      |                                                                                                                                                 |                          |                                                                                                    |                           |                                                                                                                                                                      |  |                                                                                                                                                                                                      |  |