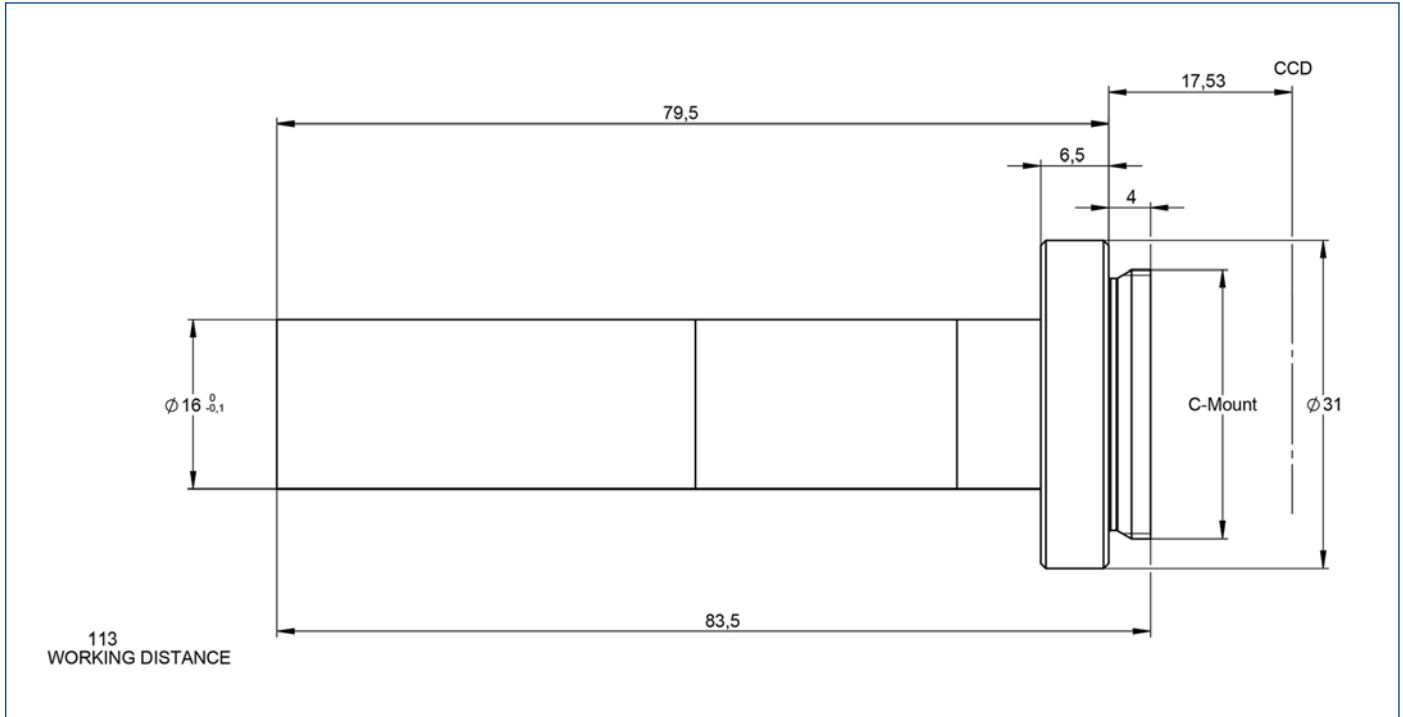


## S5LPJ8111 miniature telecentric lens 1.0x



outline drawing

### specifications

|  |           |   |         |
|--|-----------|---|---------|
| article number                           | S5LPJ8111 | numerical aperture (fixed iris)         | 0.03    |
| wavelength [nm]                          | 450-700   | resolution power <sup>1)</sup> [μm]     | 15      |
| magnification (±5%)                      | 1.000     | depth of field [mm]                     | 1,6     |
| working distance [mm] (±2%)              | 113.0     | mount                                   | C-mount |
| max. object size [mm] @ 4.8 x 3.6 (1/3") | 4.8 x 3.6 | flange focal distance [mm]              | 17.53   |
| max. object size [mm] @ 6.4 x 4.8 (1/2") | 6.4 x 4.8 | ∅ clear aperture [mm]                   | 12.3    |
| max. object size [mm] @ 8.8 x 6.6 (2/3") | 8.8 x 6.6 | with coaxial illumination <sup>2)</sup> | 0       |
| max. distortion [%]                      | < 0.1     | weight [kg]                             | 0.06    |

#### Notes:

- data given by design

- glueing not possible

<sup>1)</sup> object-sided resolution power @550nm for given fixed numerical aperture

<sup>2)</sup> integrated coaxial illumination with non-polarized beamsplitter, port for ∅ 8 mm fibre or spot illumination