F-THETA LENS

f-420-30-1030-1080-M102-HP-W

en | Data sheet | 1.0.1

- **Fused silica lens, 1030 – 1080 nm**
- **Nominal focal length 420 mm**
- **Max. input beam diameter 30 mm**
- **Maximum working area 200 x 200 mm**
- **Particularly high power compatibility**

Wavelength	1030 – 1080 nm
Nominal focal length	420 mm
Effective focal length	420.000 mm
Flange focal length	605.580 mm
Max. input beam diameter	30 mm
Working distance	526.580 mm
Max. scan field	200 x 200 mm

Minimum spot size	27,21 µm
Mirror distance m1/m2	37.12 / 26.2 mm
Anti-reflective coating	Standard
Cooling method	Water
Lens material	Fused silica
Mounting thread	M102x1
Lens diameter	180 mm

Information is subject to change without notice.
Product photos are non-binding and may show customized features.

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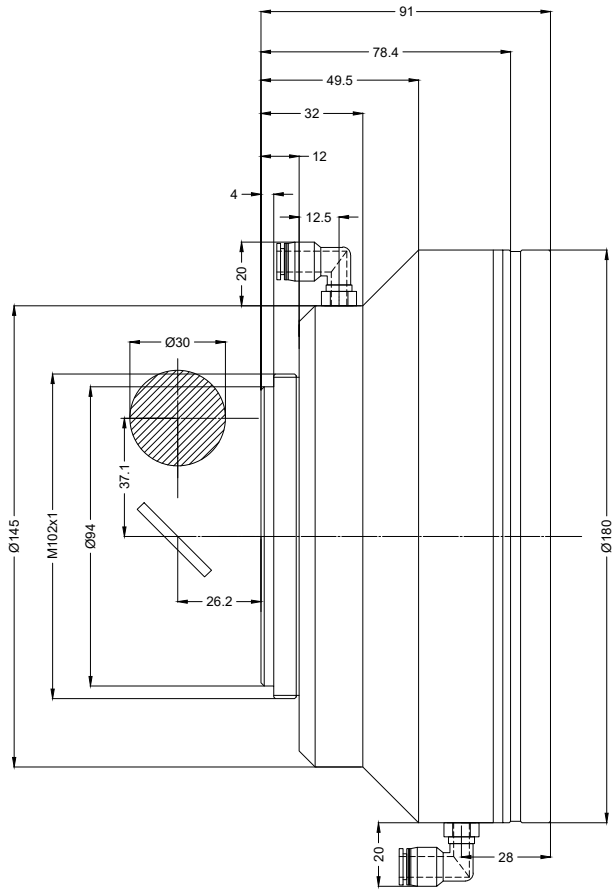

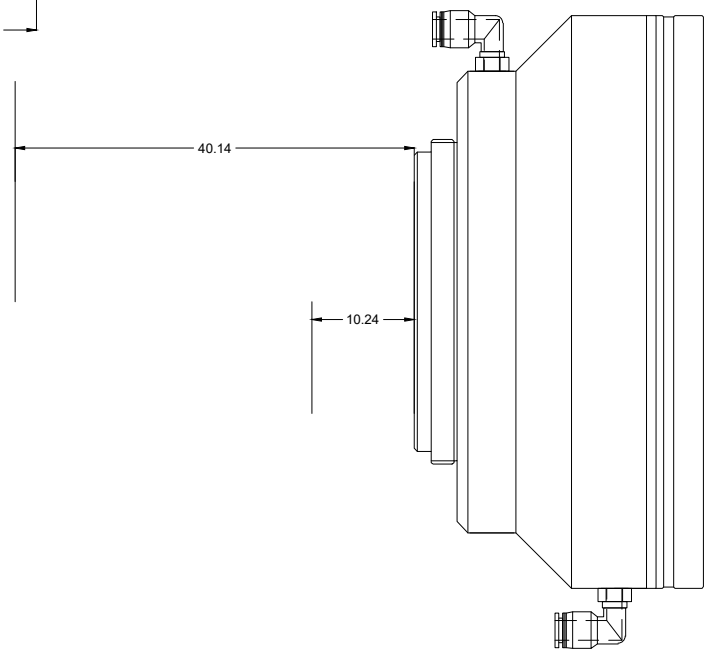

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Dimensions are given in millimeters and are intended as reference values.
Binding information is available on request.

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