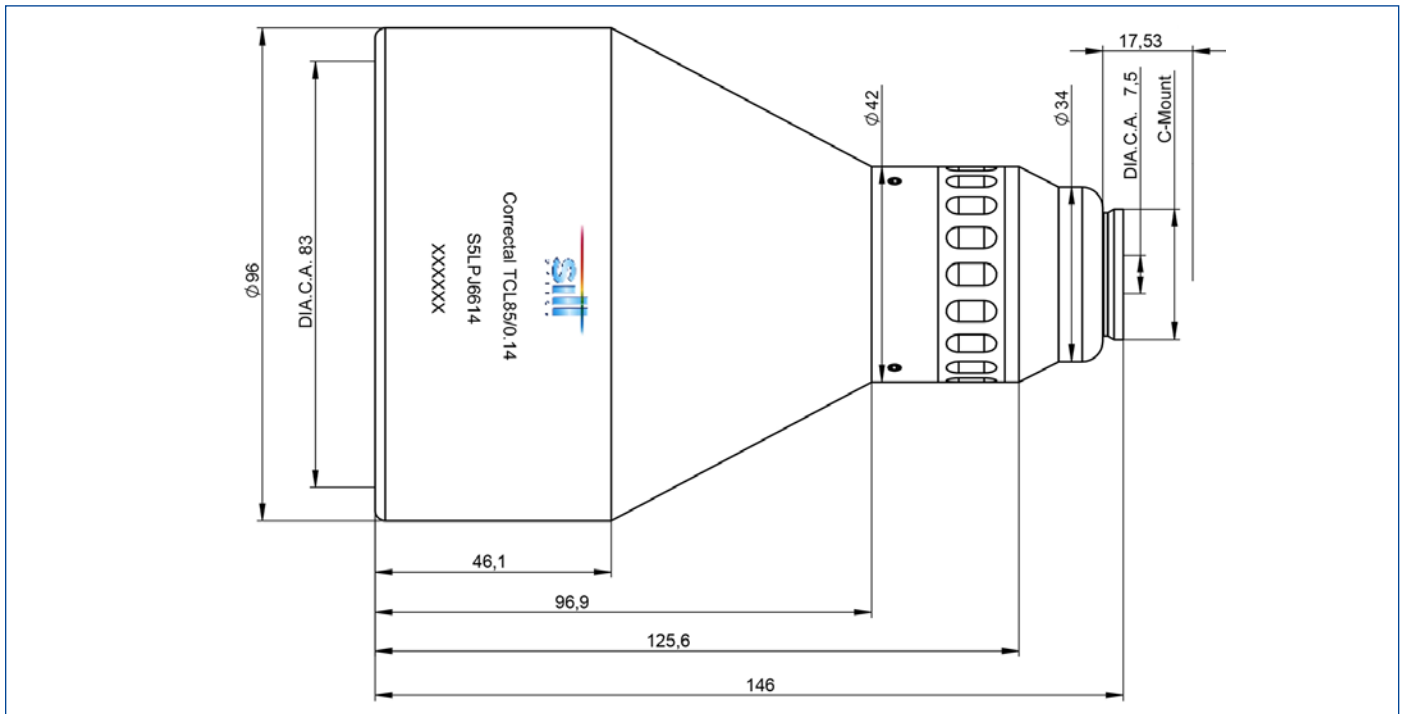


# DATA SHEET



## S5LPJ6614 Correctal® TCL85/0.14

- telecentric lens
- with c-mount
- with fixed iris



outline drawing

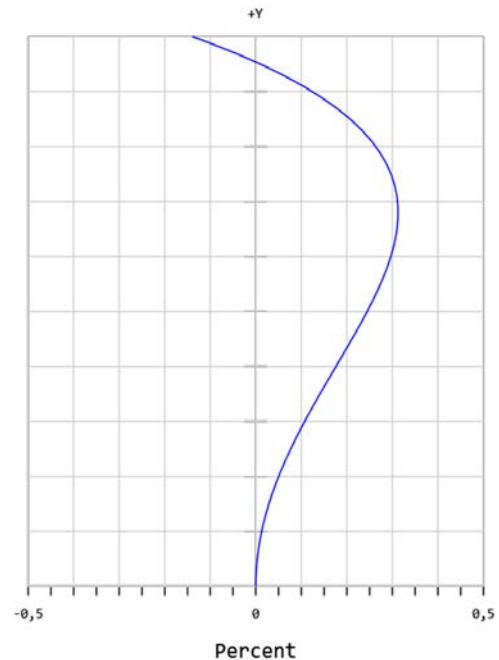
# DATA SHEET



## specifications

article number	S5LPJ6614
design wavelength [nm]	450-700
magnification (+/-5%)	0.142
working distance [mm] (+/-2%)	136.0
object size [mm]	33.8 x 25.3
at a chip size of [mm]	4.8 x 3.6 (1/3")
distortion [%]	0.35
object size [mm]	45 x 33.8
at a chip size of [mm]	6.4 x 4.8 (1/2")
distortion [%]	0.4
object size [mm]	61.9 x 46.4
at a chip size of [mm]	8.8 x 6.6 (2/3")
distortion [%]	0.4
max. telecentricity error [°]	0.06
numerical aperture	0.01
weight [kg]	0.70
flange back distance [mm]	17.53
accessory	---

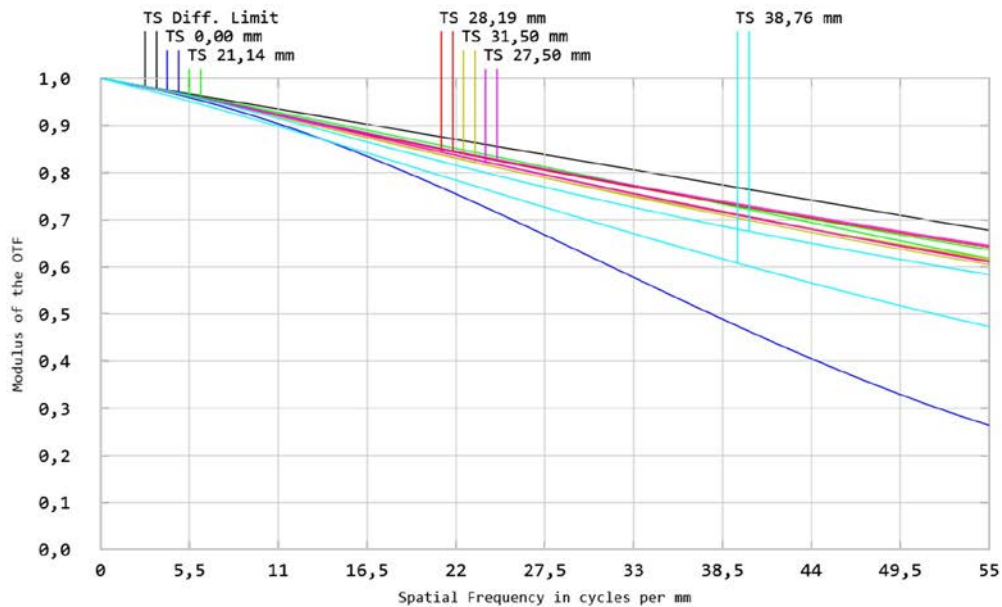
## Distortion for 586 nm



x = distortion

y = max. field

## MTF for various object heights at 586 nm



T. tangential

S. sagittal

graphs and data given by design.