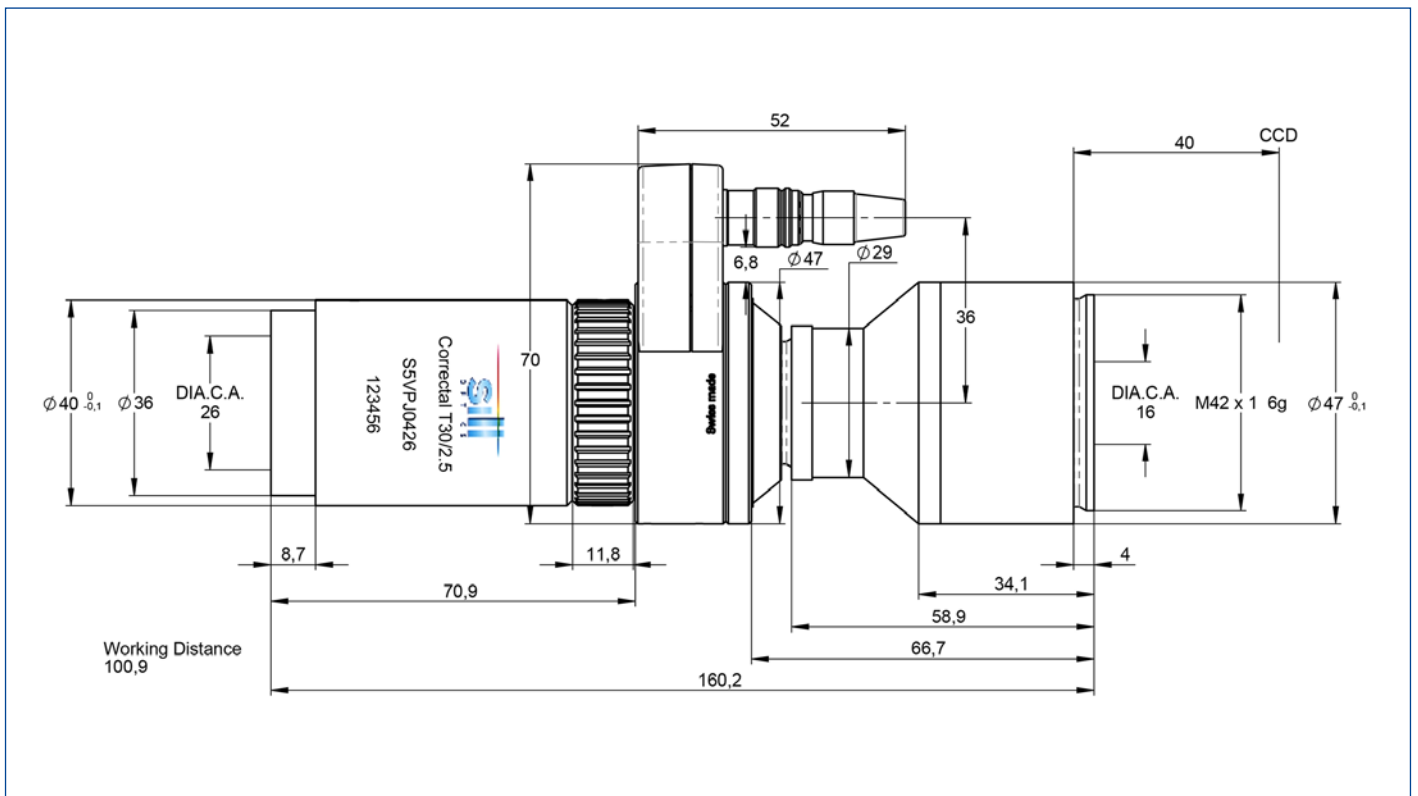


S5VPJ0426 Correctal® T30/2.5

- telecentric lens with tunable working distance
- with M42-thread
- with variable iris



illustration only



outline drawing

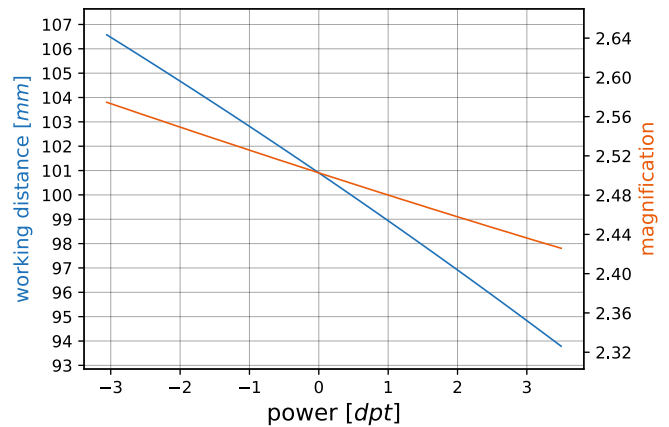
specifications

article number	S5VPJ0426
design wavelength [nm]	450-700
nominal magnification (+/-5%)	2.500
nominal working dist. [mm] (+/-2%)	100.9
object size [mm] at a chip size of [mm]	8.50 21.4
object size [mm] at a chip size of [mm]	11.40 28.6
object size [mm] at a chip size of [mm]	14.00 35
max. distortion [%]	0.4
max. telecentricity error [°]	0.01
numerical aperture	0.05
WD at +3.0 dpt	94.8
magn. at +3.0 dpt	2.437
WD at -2.0 dpt	104.6
magn. at -2.0 dpt	2.55
weight [kg]	0.40
flange back distance [mm]	40
accessory (not included)	S5ZUB1640 (Optotune lens driver 4i), S5ZUB1641 (connection cable 6pin Hirose, 100 cm)

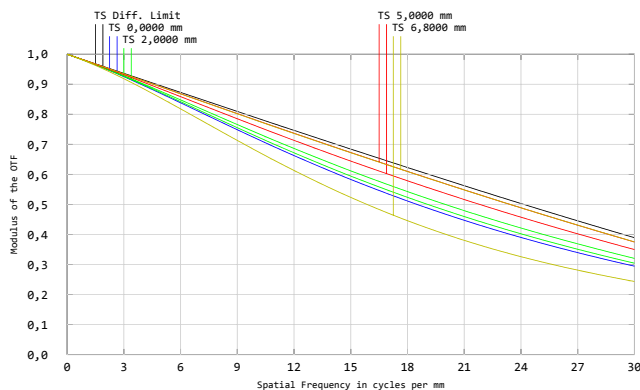
electronical specs

nominal optical power	-2.0 to +3.0 dpt
response time	5 ms
settling time	25 ms
nominal control current	-250 to +250 mA
nominal power consumption	0 to 0.7 W
lifecycles	> 1,000,000,000
operating temperature	-20 to +65 °C
storage temperature	-40 to +85 °C

Detailed electronical specification, absolute control current and customized control datasheet: optotune.com



MTF for various object heights for 586 nm at 100.9 mm



T. tangential

S. sagittal

x = distortion

y = field size

graphs and data given by design.

Distortion for 586 nm at 100.9 mm

