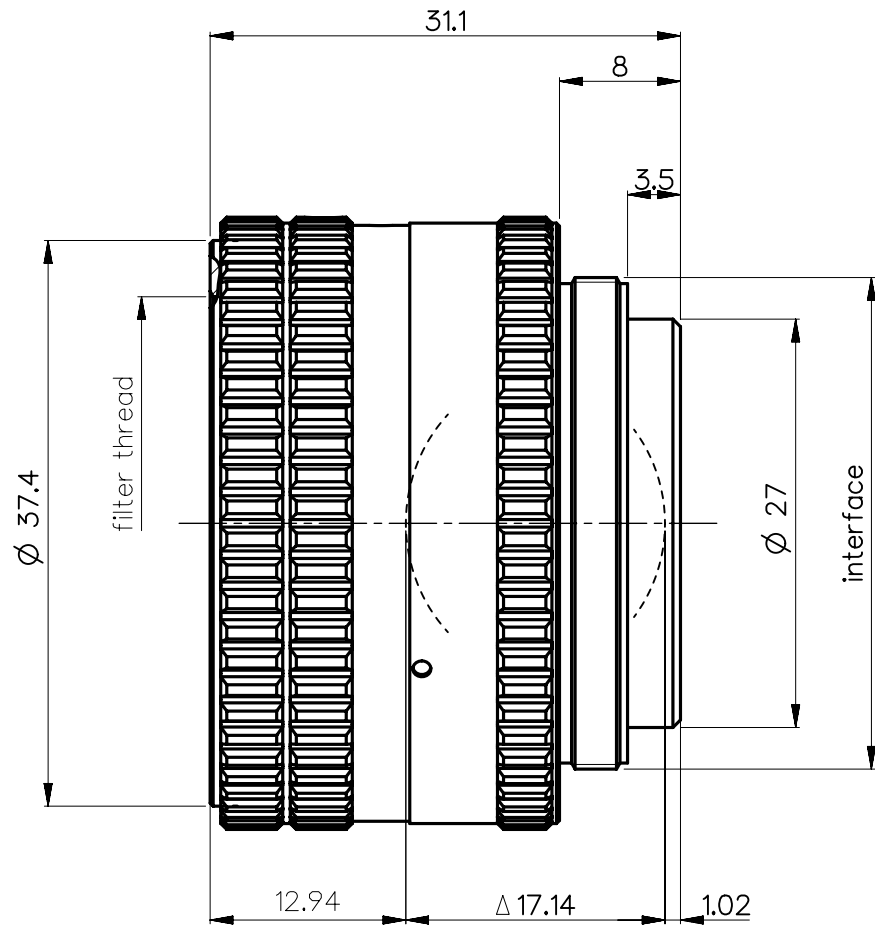
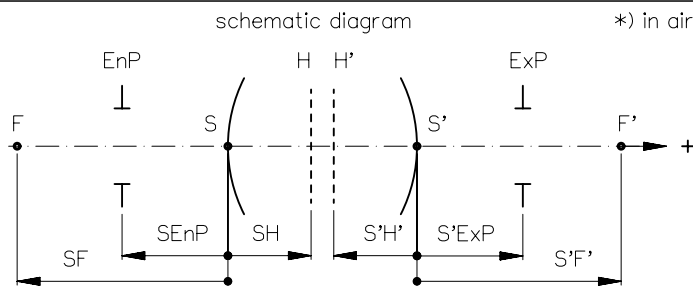


order number	lens name
0701-389-000-20	Rodagon 2.8/28



Specification		ON	7509-9041
image circle max. (mm)	32	working distance (mm)	143 - 975
focal length f' (mm)	27.7	interface	M32.5x0.5
magnification β' [range]	-0.05 [-0.2 ... -0.03]	filter thread	M30.5x0.5
spectral range λ (nm)	400 - 750	weight (g)	60

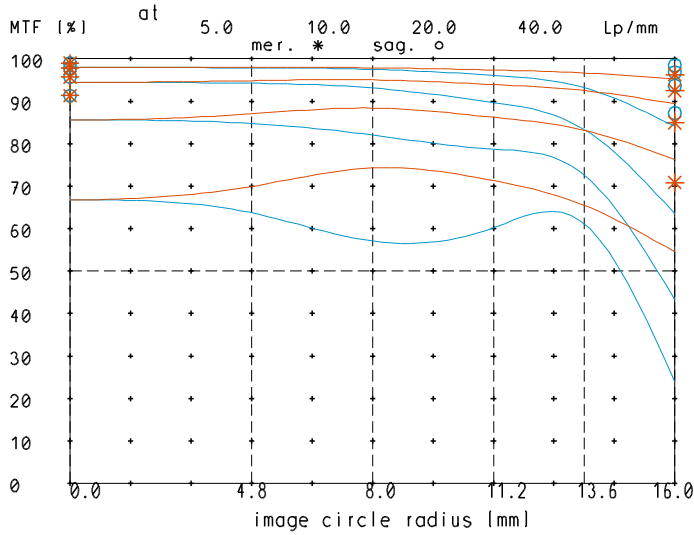


design includes CCD cover glass:		no					
SF (mm)	-18.1	f-stop	2.8	Ø EnP	9.5	Ø Exp	9.5
S'F' (mm) *)	19.4						
HH' (mm) *)	-0.68						
SH (mm)	9.6						
S'H' (mm) *)	-8.2						
SEnP (mm)	9.6						
S'ExP (mm) *)	-8.2						

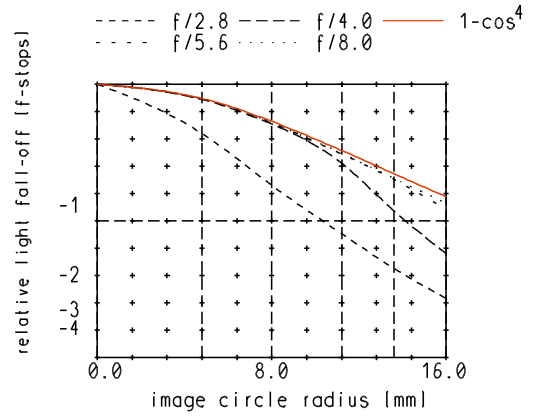
Schutzvermerk "DIN ISO 16016" beachten	EU-D	AL-T1A	US-D	US-ML	not export controlled			
	Rev.	Aenderung	Datum	Freigabe	zul. Abweichung für Mass, Form & Lage	Maßstab 2:1 (1:1)		
	a	Neuaußg			± 0.1			
	b	16-0607	21.09.16	Bo II			Werkstoff	
					Tolerierung	Benennung		
					Erster- stellung	Datum	Name	
					Prüfung	02.02.01	Rösler	
						02.02.01	Hegeler	
DIN A 4	Alle Maße in mm, inklusive Oberflächenbehandlung					Zeichnungsnummer	0701-389-100-20-0001b	Blatt 1
						Ersatz für		von 1

Rodagon_2.8/28

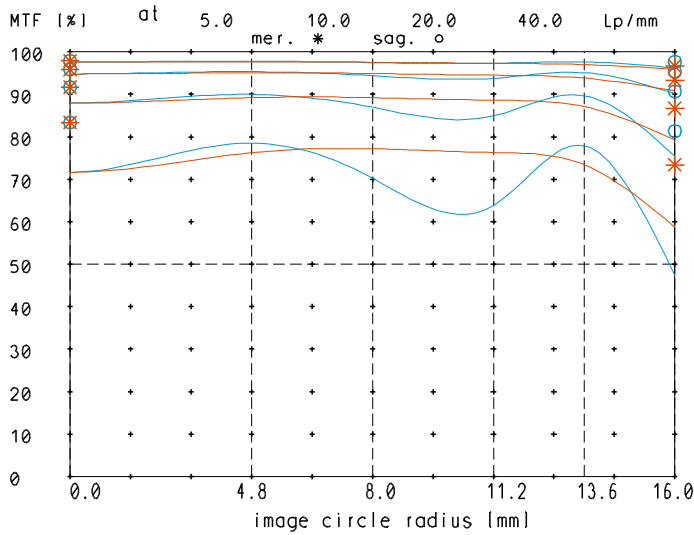
MTF at ratio 0.05x f/ 2.8



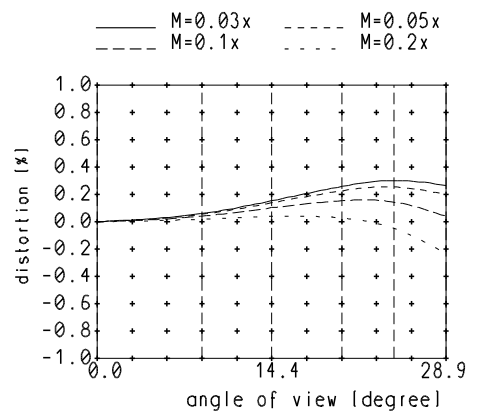
relative light fall-off at ratio 0.05x



MTF at ratio 0.05x f/ 5.6

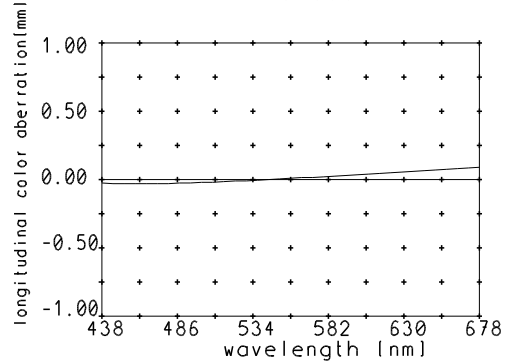


Distortion at ratio 0.03x to 0.2x



— sagittal. ○ Diffraction limited value
— meridional * Diffraction limited value

Longitudinal color aberration at ratio 0.05x



Named frequencies (line pairs/mm) in modular transfer function (MTF) as well as diagrams of relative light fall-off, distortion and longitudinal color aberration refer to film plane.