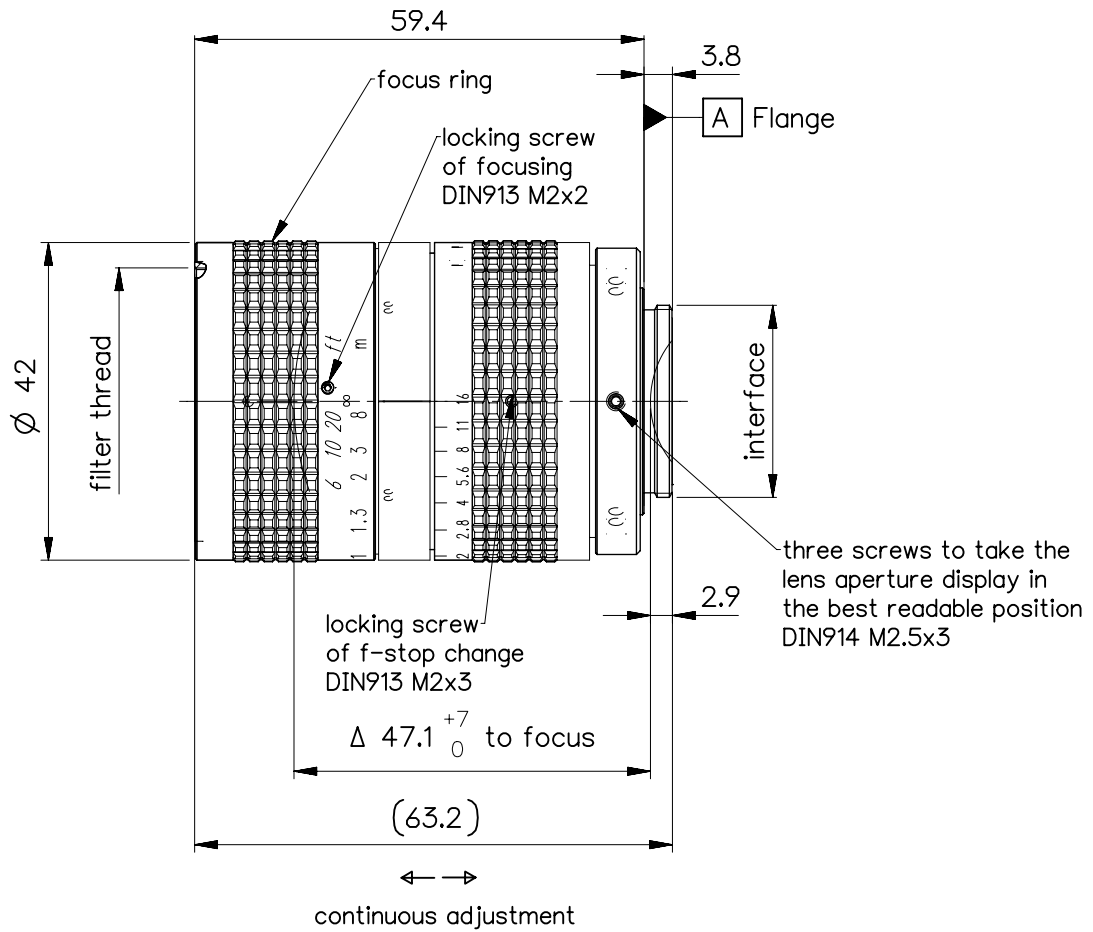


order number	lens name	spectral range λ ***
0020-001-000-40	MeVis-C 1.6/35	450-950 nm
0020-001-000-42	MeVis-C NIR 1.6/35	850-1400 nm



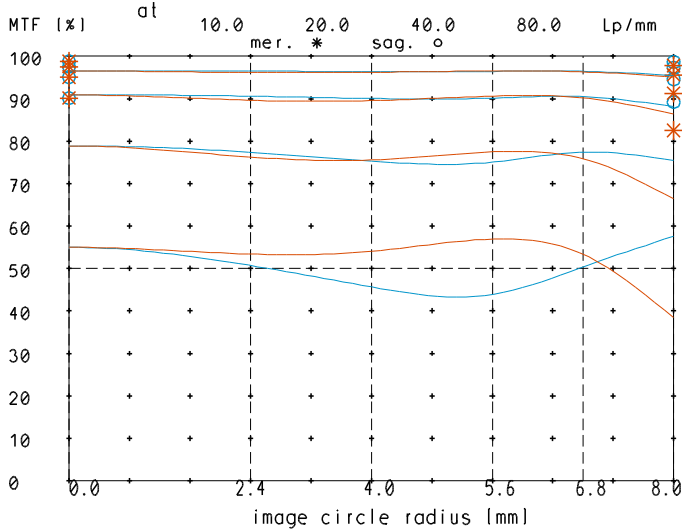
Specification		ON	5801-9001	
image circle max. (mm)	16	working distance (mm)	370 - ∞	
focal length f' (mm)	35.5	interface	C-mount (1-32 UN 2A)	
magnification β' [range]	-0.05 [-0.1 ... 0]	filter thread	M35.5 x0.5	
spectral range λ (nm)	***	weight (g)	170	
schematic diagram		design includes CCD cover glass: yes / 1mm K7		
*) in air		SF (mm)	-11.9	f-stop
		S'F' (mm) *)	15.0	\varnothing EnP
		HH' (mm) *)	6.7	\varnothing Exp
		SH (mm)	23.6	
		S'H' (mm) *)	-20.5	
		SEnP (mm)	15.0	
		S'Exp (mm) *)	-31.8	

NX	EU-D	AL-T1A	US-D	US-ML	not export controlled	
	REV	ECC	DATE	APPROVED	PDM Status Freigabe	
	a	Neuausg			SCALE 1:1	
	b	11-358	19.07.11	Kuehne	MATERIAL	
	c	12-0185	09.03.12	Schuber	---	
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	d	14-0184	25.03.14	Schiffle	BASIC TOLERANCING PRINCIPLE	
	e	20-0119	06.02.20	Hornbog	TITLE	
					MeVis-C 1.6/35	
					FIRST DATE NAME	
					ISSUE 24.01.11 Kuehne	
DIN A 4				CHKD 24.01.11 Schaeffler	DRAWING NO.	
	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT				0020-001-100-00-0001e	SHEET 1 OF 1
					REPLACES 0020-001-100-40	

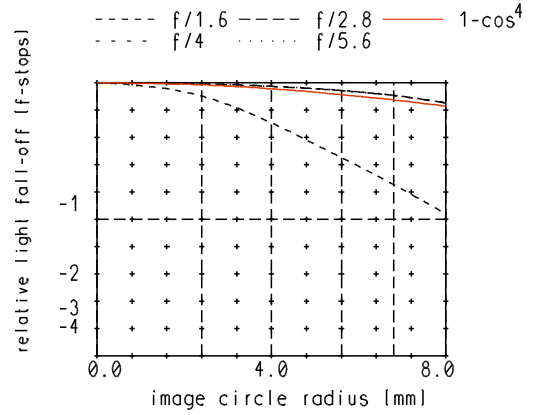


MeVis-C_1.6/35

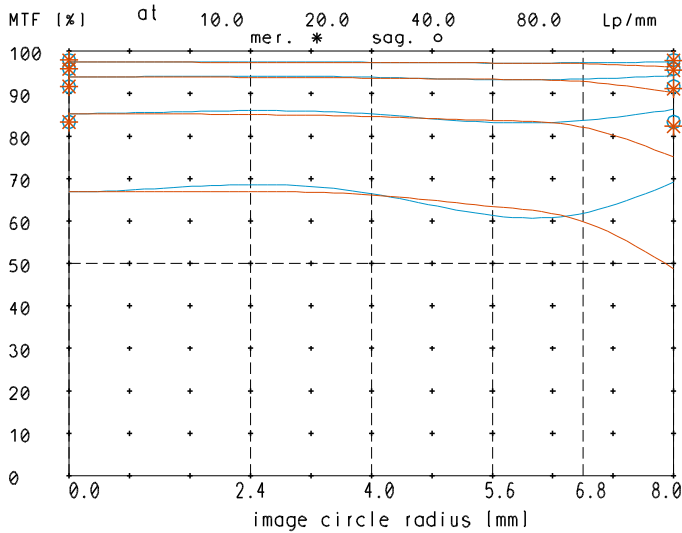
MTF at ratio 0.05 f/ 1.6



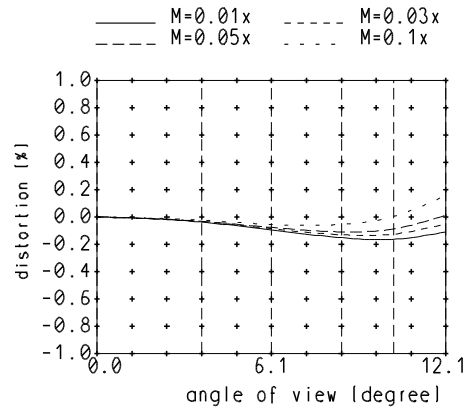
relative light fall-off at ratio 0.05



MTF at ratio 0.05 f/ 2.8

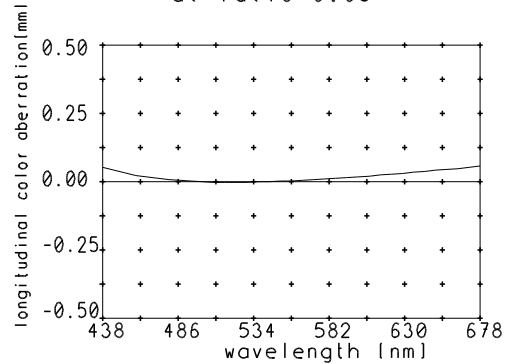


Distortion at ratio 0.01x to 0.1x



— sagittal, o Diffraction limited value
— meridional * Diffraction limited value

Longitudinal color aberration at ratio 0.05



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.