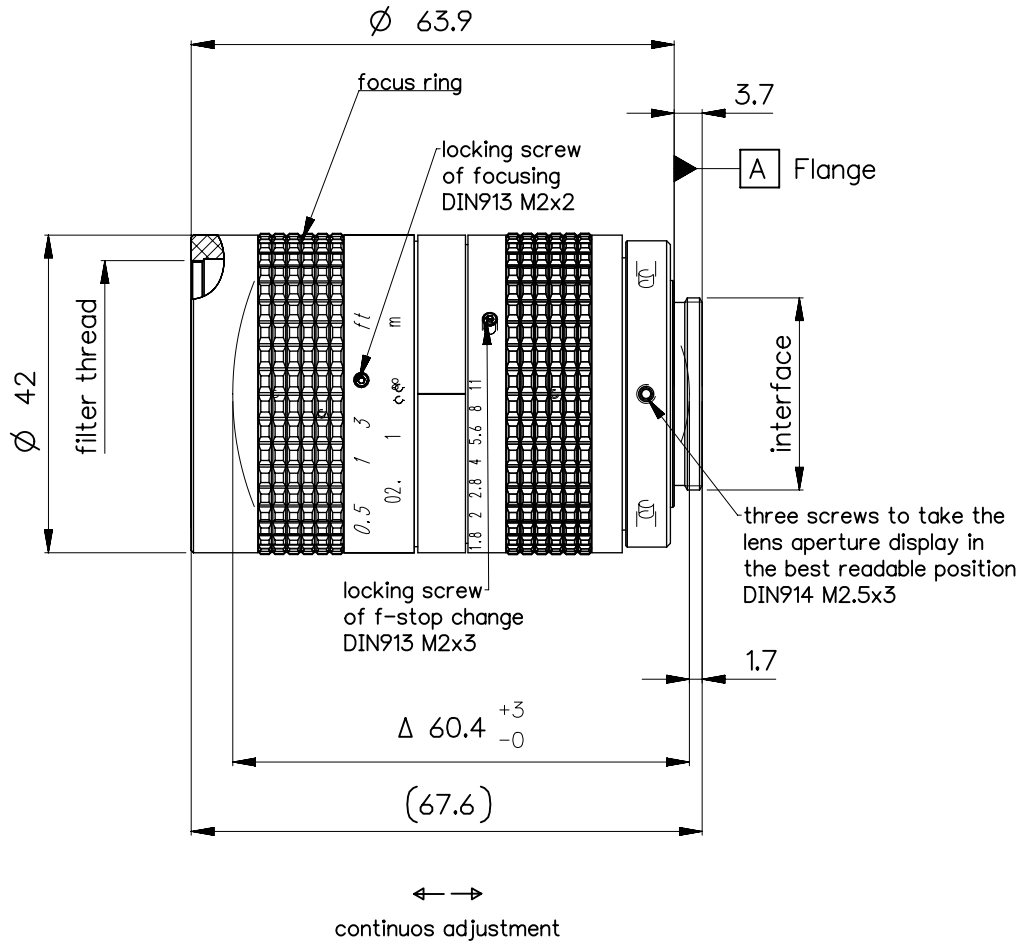
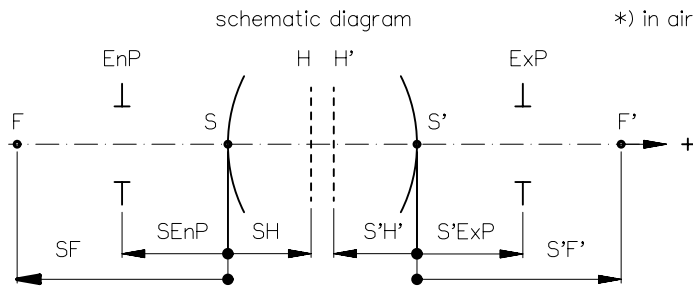


order number	lens name
0020-005-000-40	MeVis-C 1.8/12



Specification	ON	5801-9041	
image circle max. (mm)	11	working distance (mm)	30 - ∞
focal length f' (mm)	12.1	interface	C-mount (1-32 UN 2A)
magnification β' [range]	-0.05 [-0.25 ... 0]	filter thread	M35.5 x0.5
spectral range λ (nm)	450 - 950	weight (g)	200



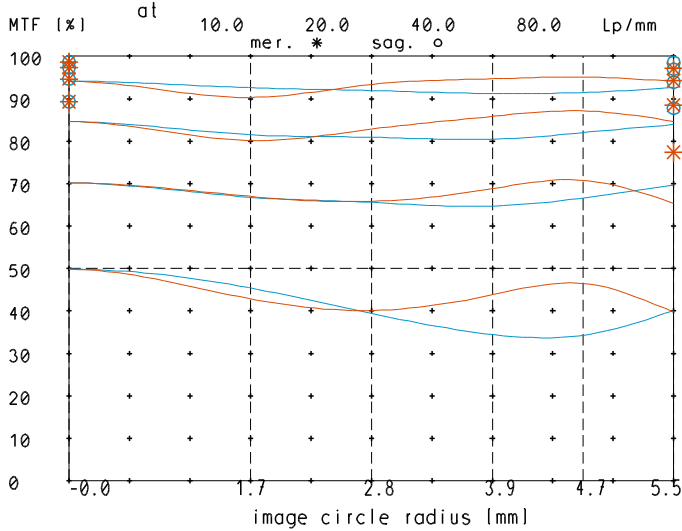
design includes CCD cover glass:	yes 1mm K7						
SF (mm)	20.8	f-stop	1.8	Ø EnP	6.5	Ø Exp	21.4
S'F' (mm) *	14.9	HH' (mm) *	30.9	SH (mm)	32.9	S'H' (mm) *	2.8
SEnP (mm)	24.5	S'Exp (mm) *	-24.9				

NX	EU-D	AL-T1A	US-D	US-ML	not export controlled
	REV	ECC	DATE	APPROVED	GENERAL TOLERANCE OF DIMENSION, FORM, POS.
	a	Neuausg	04.08.14	Schiffe	
	b	17-0329	04.06.18	Denk	
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	c	20-0119	06.02.20	Hornbog	
	BASIC TOLERANCING PRINCIPLE ISO 8015				TITLE
	FIRST DATE NAME				MeVis-C 1.8/12
	ISSUE 04.08.14 Schifferer				
DIN A 4	CHKD 04.08.14 Stauder				DRAWING NO.
	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT				0020-005-100-00-0001c
	REPLACES 0020-005-100-40				SHEET 1 OF 1

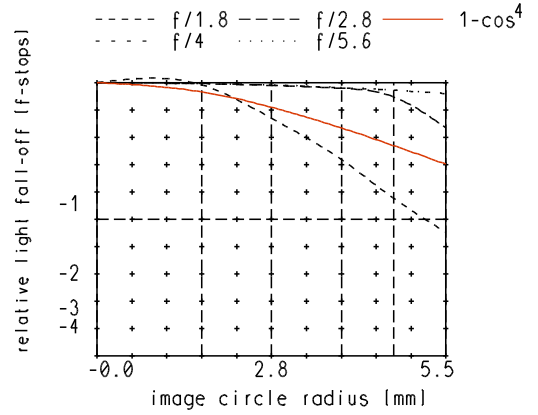


MeVis-C_1.8/12

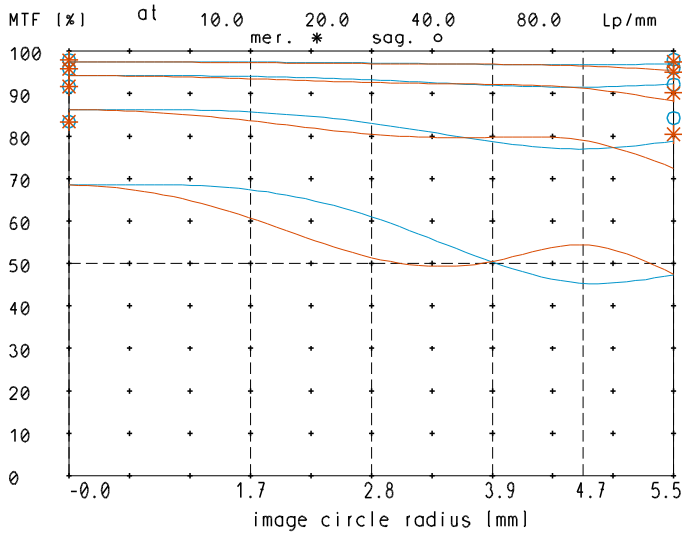
MTF at ratio 0.05 f/ 1.8



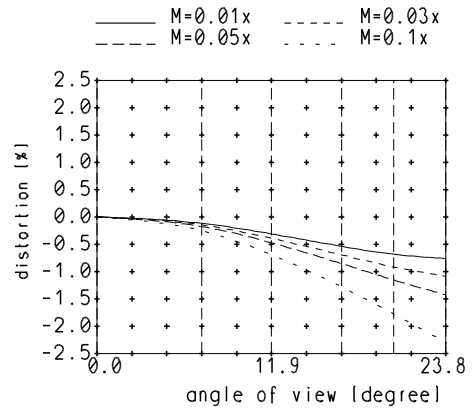
relative light fall-off at ratio 0.05



MTF at ratio 0.05 f/ 2.8

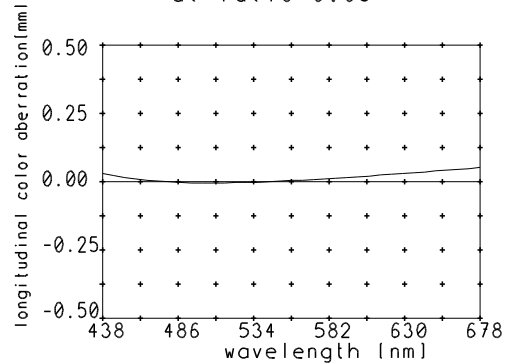


Distortion at ratio 0.01x to 0.1x



— 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.