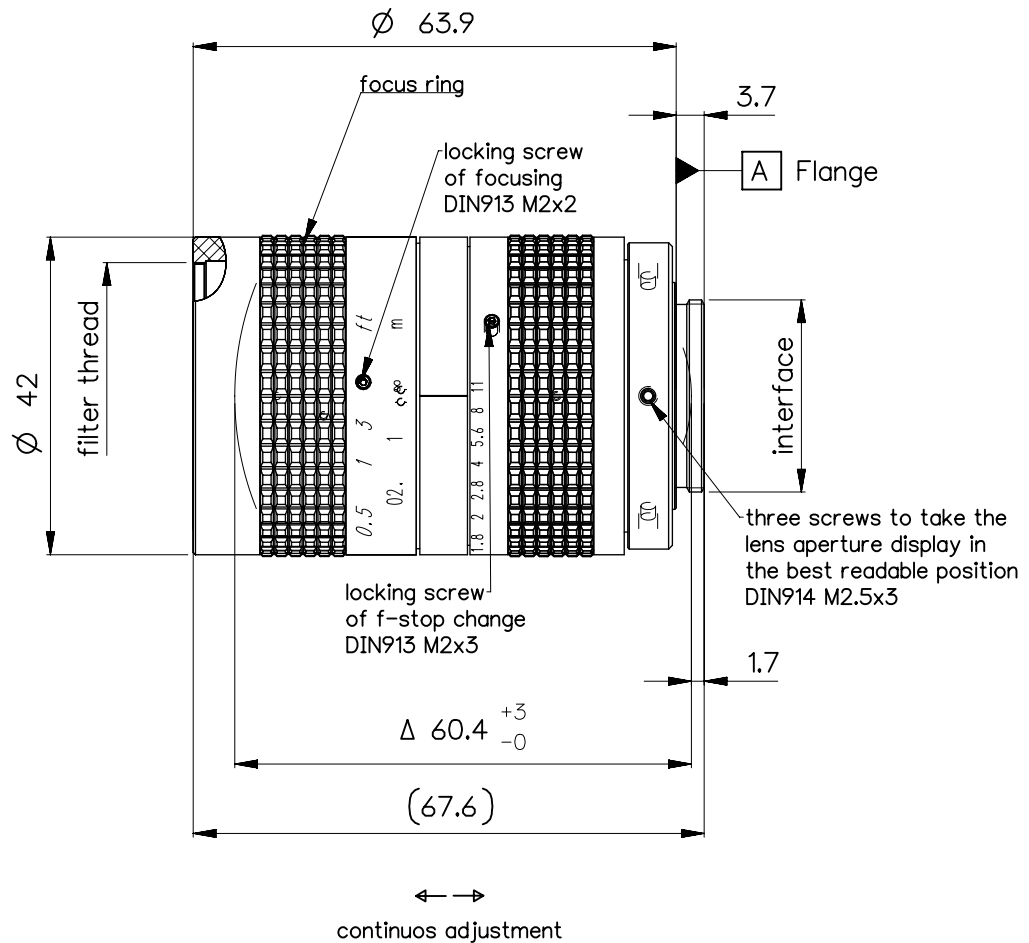
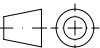


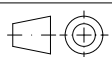
order number	lens name
0020-005-000-40	MeVis-C 1.8/12



Specification		ON	5801-9041
image circle max. (mm)	11	working distance (mm)	30 - ∞
focal length f' (mm)	11.7	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
schematic diagram *) in air 		design includes CCD cover glass: yes 1mm K7	
		SF (mm)	20.6
		S'F' (mm) *)	14.6
		HH' (mm) *)	30.9
		SH (mm)	32.9
		S'H' (mm) *)	2.5
		SEnP (mm)	24.5
		S'ExP (mm) *)	-37.9
		f-stop	1.8
		Ø EnP	6.5
		Ø ExP	21.4
		2	5.8
		2.8	4.2
		4	2.9
		5.6	2.0
		11	1.1

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

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

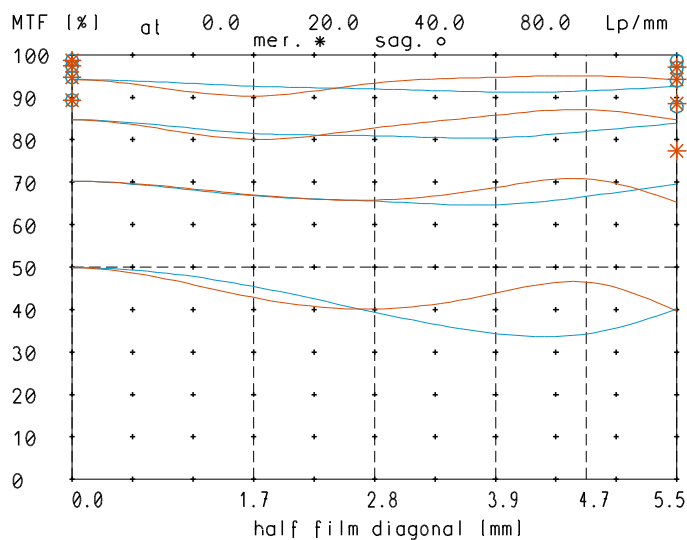


QIOPTRON

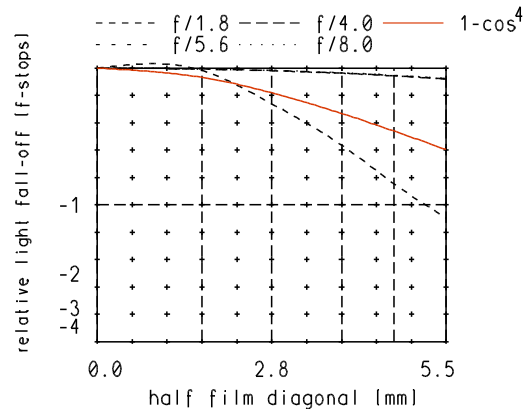
SHEET 1
OF 1

Mev is-C_12mm

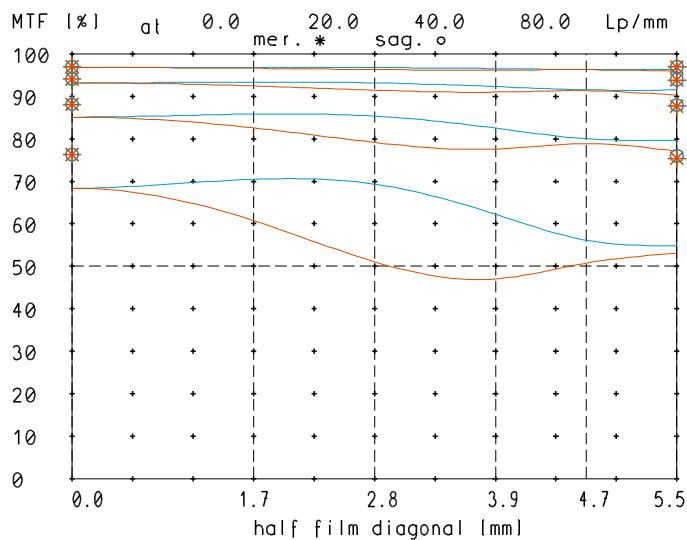
MTF at ratio -0.05 f/ 1.8



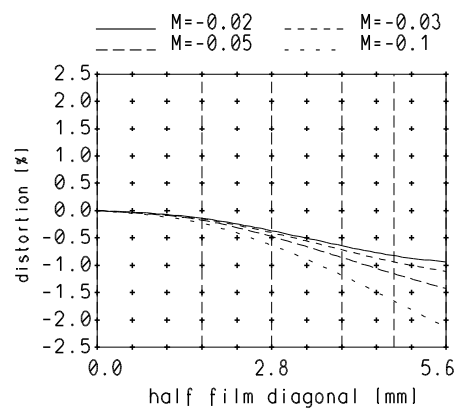
relative light fall-off
at ratio -0.05



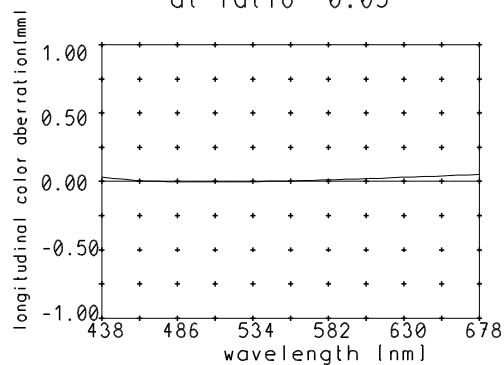
MTF at ratio -0.05 f/ 4.0



Distortion at ratio -0.02 to -0.1



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.

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