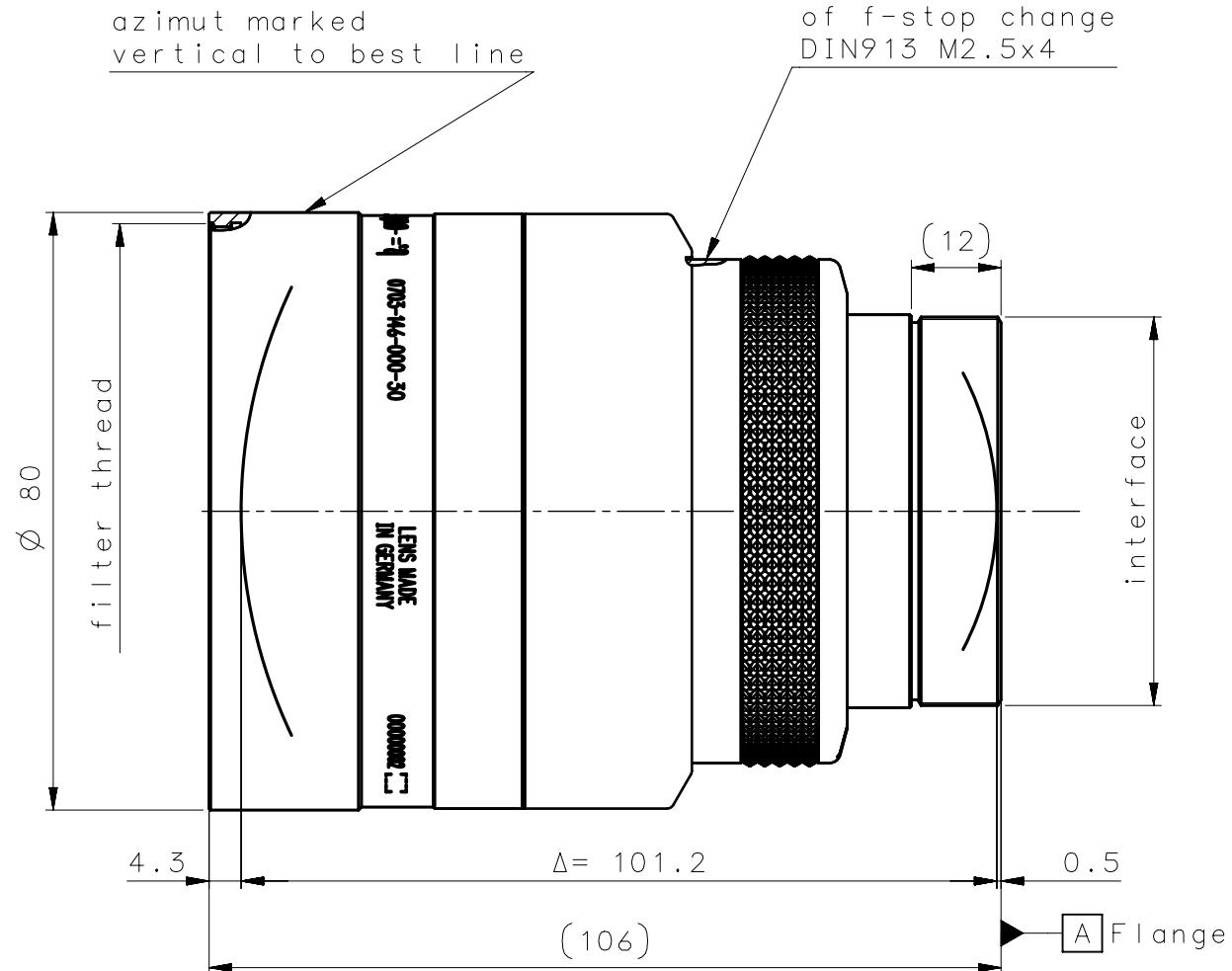


order number	lens name
0703-146-000-30	d.fine HR-M 2.8/80 0.09x



Specification	ON	7608-9211		
image circle max. (mm)	working distance (mm)	597 - 1997		
focal length f' (mm)	interface	M52 x0.5 \leftrightarrow 12mm		
magnification β' [range]	filter thread	M77 x0.75		
spectral range λ (nm)	weight (g)	800		
schematic diagram				
	*) in air			
SF (mm) 1.8 S'F' (mm) * 51.1 HH' (mm) * -6.3 SH (mm) 78.4 S'H' (mm) * -29.1 SEnP (mm) 70.1 S'ExP (mm) * -38.3				
design includes CCD cover glass: yes 0.76mm D263 f-stop 2.8 Ø EnP 27.4 Ø ExP 30.6 4 19.9 22.2 5.6 14.2 15.8 8 10.0 11.1 11 7.2 8.0 16 5.0 5.5				

NX	EU-D	AL-T1A	US-D	US-ML	not export controlled	
				PDM Status	Freigabe	-
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	REV	ECC	DATE	APPROVED	GENERAL TOLERANCE OF DIMENSION, FORM, POS. BASIC TOLERANCING PRINCIPLE ISO 8015 FIRST ISSUE 03.05.22 Georgiev CHKD 12.05.22 Stauder	SURF. TREATMT SCALE 1:1 MATERIAL
	a	Neuausg	03.05.22	Georgiev		
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT			TITLE d.fine HR-M 2.8/80 0.09x DRAWING NO. 0703-146-100-30-0001b REPLACES SHEET 1 OF 1		

d. fine_HR-M_2.8_80_0.09x

mono ED= -0.060

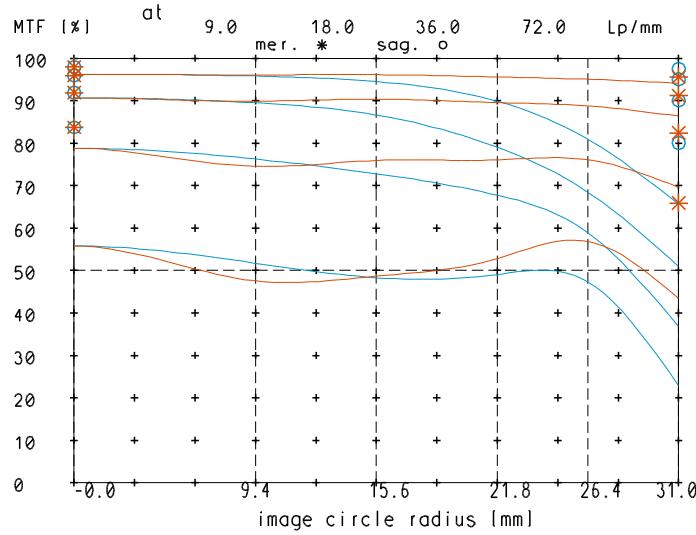
25 x 25 Str. 1 lambda. Summe

qafo qa fo

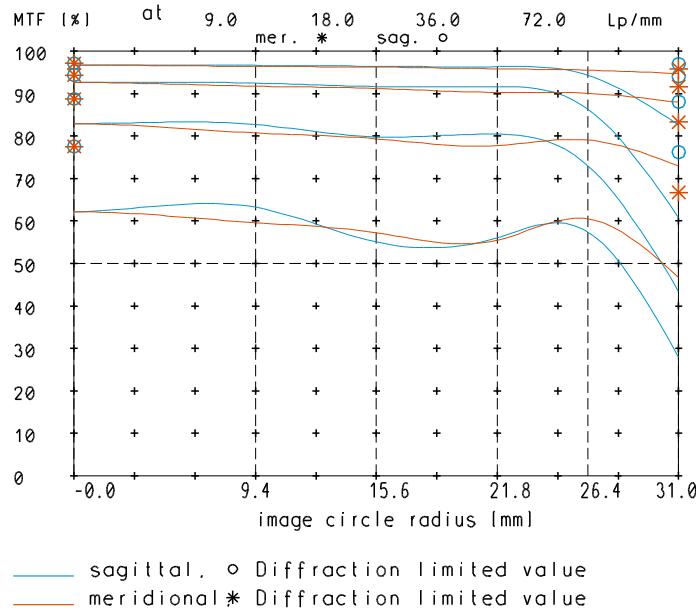
13.07.2022 18:30:09 H-Sys V8.60-Unix

Us 33 Stauder

MTF at ratio 0.09x f/ 2.8

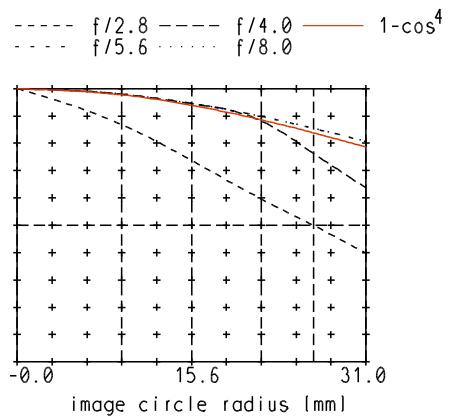


MTF at ratio 0.09x f/ 4

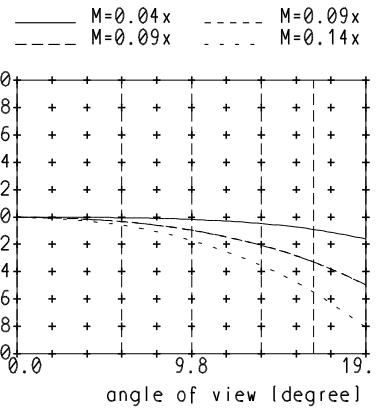


Named frequencies (line pairs/mm) in modular transfer function (MTF) as well as diagrams of relative light fall-off, distortion and longitudinal color aberration refer to film plane.

relative light fall-off at ratio 0.09x



Distortion at ratio 0.04x to 0.14x



Longitudinal color aberration at ratio 0.09x

