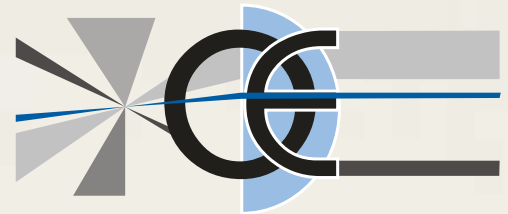


BI-TELECENTRIC LENS FOR 2/3" TO 1/4" DETECTORS



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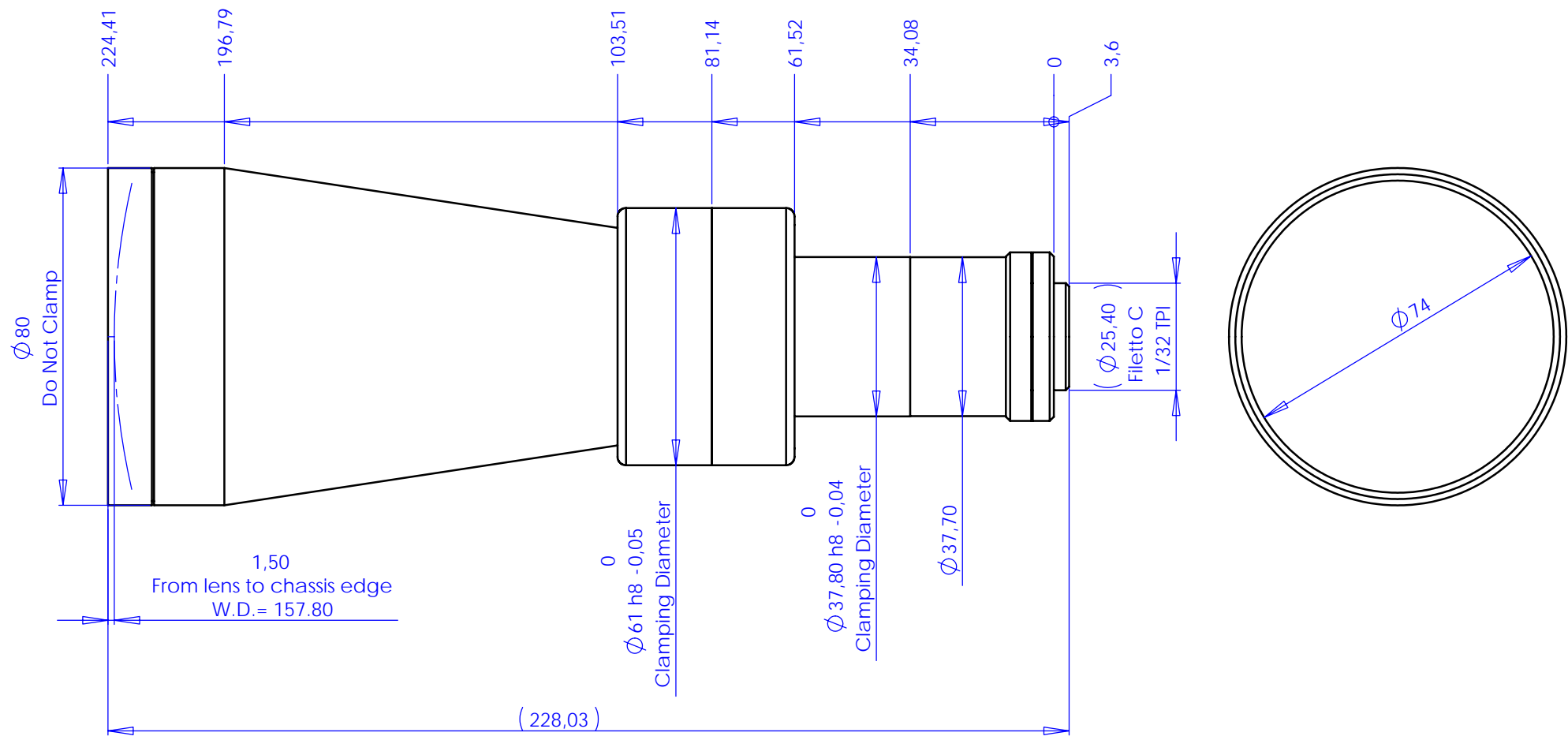


Model:	TC 23 56		
Magnification (X):	0,16		
Object Field (mm):	1/4" (3,6 x 2,7):	22,91	x 17,18
	1/3" (4,8 x 3,6):	30,55	x 22,91
	1/2" (6,4 x 4,8):	40,73	x 30,55
	1/1.8" (7,13 x 5,37):	45,36	x 34,16
	2/3" (8,8 x 6,6):	56,00	x 42,00
Working Distance (mm):	159,3 +/- 5		
Working F-number:	8		
MTF @70 lp/mm (%):	>45		
Field Depth (mm):	26,0	@	F/
Image side N.A.:	0,062		
Object side N.A.:	0,010		
Telecentricity (degree):	<0,08		
Distortion (%):	< 0,08		
Mount:	C		
Length (mm):	225		
Maximum external diameter (mm):	80		
Weigh (g):	870		

NOTES:

- 1) The inner aperture diaphragm can be supplied on request with smaller apertures in order to achieve a larger Field Depth
- 2) Tailored diffusive Ring Light available on request
- 3) Custom flanges and mechanical interfaces can be provided on request
- 4) Can be coupled to a collimated light illuminator like LT CL 56

Rev No.	Description	Date	Name
D	Assieme TC2356 - Nuova Versione	25/03/06	A. Bnà



Material			Mass	Scale 1:1	
Surface treatment			Project-Prod.Item/Instrument TC 23 56		
Geometrical tolerance (ISO 2768-2) Linear tolerance (ISO 2768-2)		Class K m	Undimensioned bevels 1x45°	Description Assembly	
0.5 +3 ±0.1	>3- 6 ±0.1	>6- 30 ±0.2	>30- 120 ±0.3		>120 +400 ±0.5
			>400- 1000 ±0.8	>1000 +2000 ±1.2	
			>2000 +4000 ±2	Undimensioned radii R 0.5	
		Date	Name	Drawing No.	
www.opto-engineering.com		Designed	25/03/06	A. Bnà	13661-0-D-TC2356 Sheet 1/1
		Draw	25/03/06	A. Bnà	
		Checked	X	C. Sedazzari	
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