

LINOS Beam Expander

2 - 8x, 355nm, fused silica

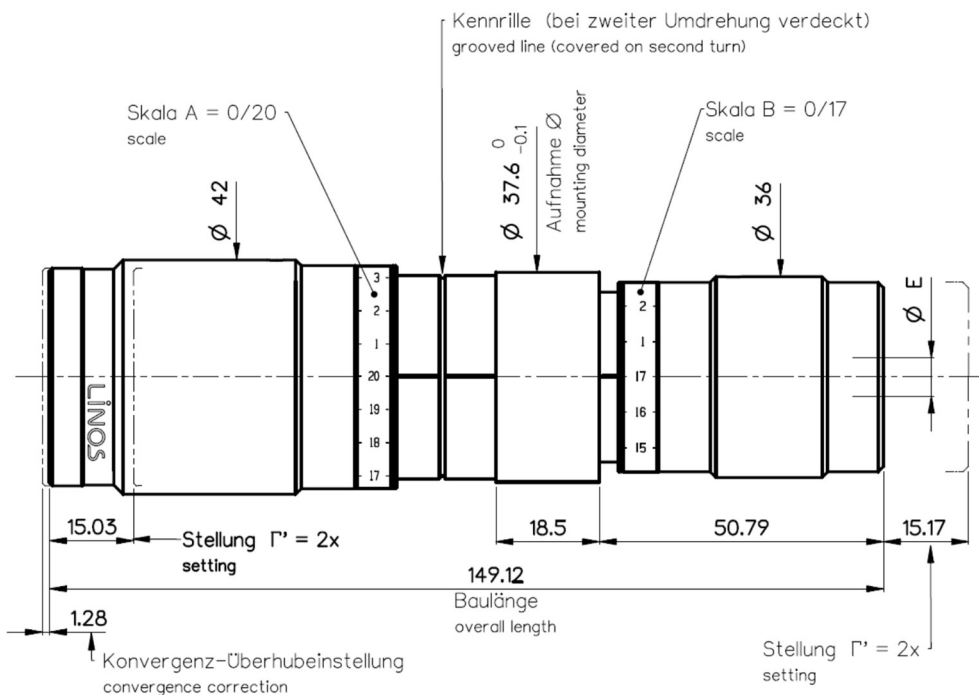


Part number	4401-402-000-20		
Design wavelength	λ	(nm)	355
Expansion	Γ'		2x - 8x
Lens material			Fused silica
Material			Aluminium, black anodized
Max. entrance beam diameter (1/e ² truncated) for 2.0 ≤ Γ ≤ 7.0	E _{max} Ø	(mm)	3.4
Max. entrance beam diameter (1/e ² truncated) for 7.0 < Γ ≤ 8.0	E _{max} Ø	(mm)	-1.4 x Γ' + 13.2 (mm)
LIDT coating @ 355nm, 5ns, 100Hz		(J/cm ²)	5

Subject to technical change

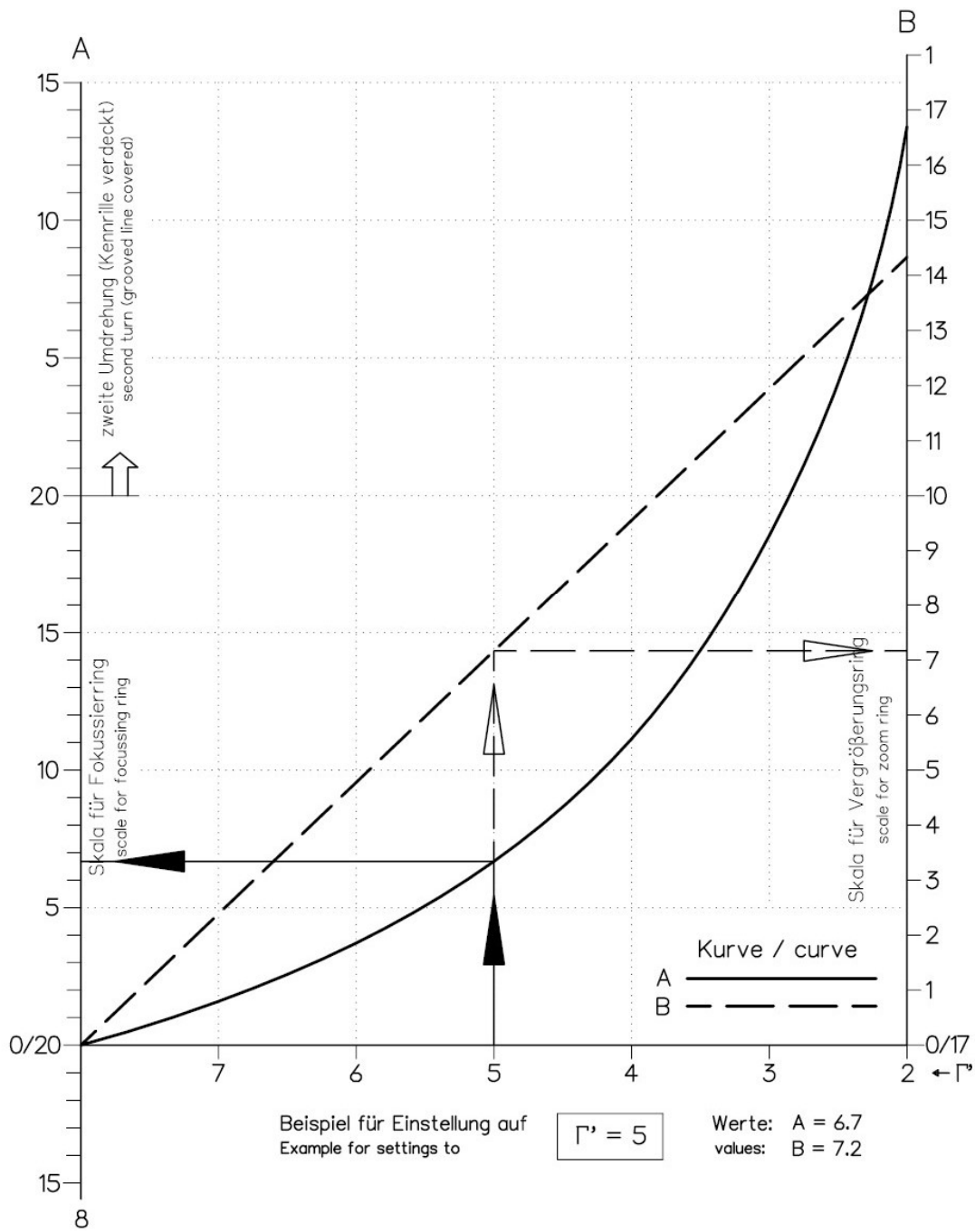
Mechanical drawing

Beam Expander displayed in setting $\Gamma' = 8x$



Dimensions without tolerances are nominal values and illustration not to scale

Setting values for a given expansion Γ'



Notes



For technical explanations, see our homepage.