

# LINOS Beam Expander

## 2 - 8x, 355nm, fused silica

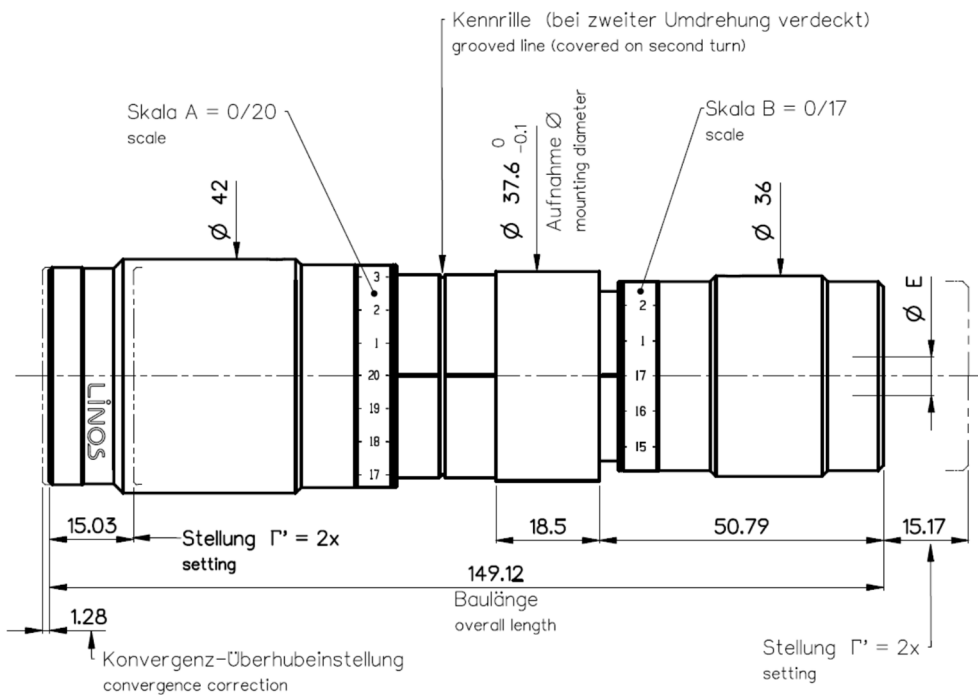


Part number	4401-402-000-20		
Design wavelength	$\lambda$	(nm)	355
Expansion	$\Gamma'$		2x - 8x
Lens material			Fused silica
Material			Aluminium, black anodized
Max. entrance beam diameter ( $1/e^2$ truncated) for $2.0 \leq \Gamma \leq 7.0$	$E_{max} \text{ } \emptyset$	(mm)	3.4
Max. entrance beam diameter ( $1/e^2$ truncated) for $7.0 < \Gamma \leq 8.0$	$E_{max} \text{ } \emptyset$	(mm)	$-1.4 \times \Gamma' + 13.2$ (mm)
LIDT coating @ 355nm, 5ns, 100Hz		(J/cm <sup>2</sup> )	5

Subject to technical change

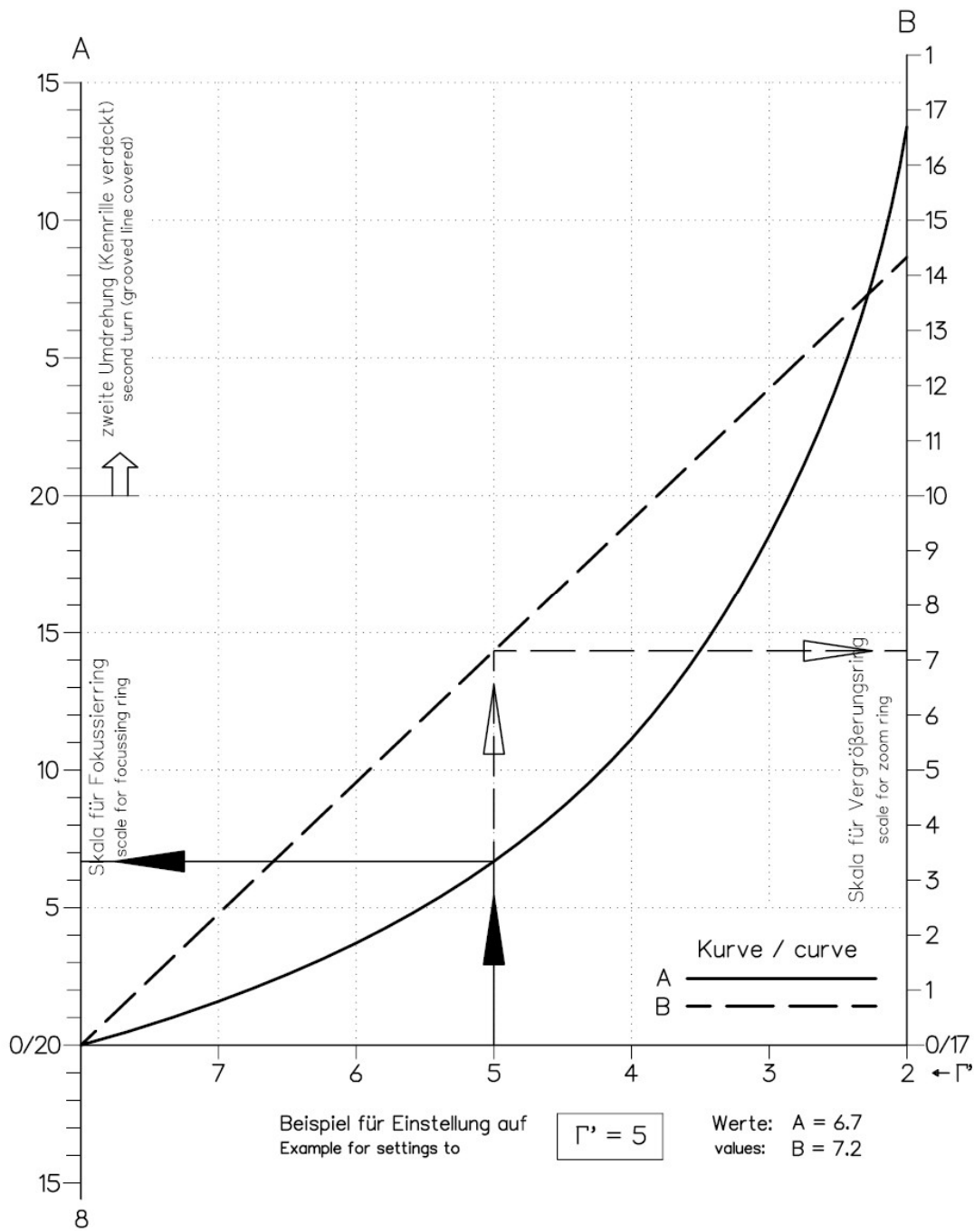
### Mechanical drawing

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



Dimensions without tolerances are nominal values and illustration not to scale

## Setting values for a given expansion $\Gamma'$



## Notes



For technical explanations, see our homepage.