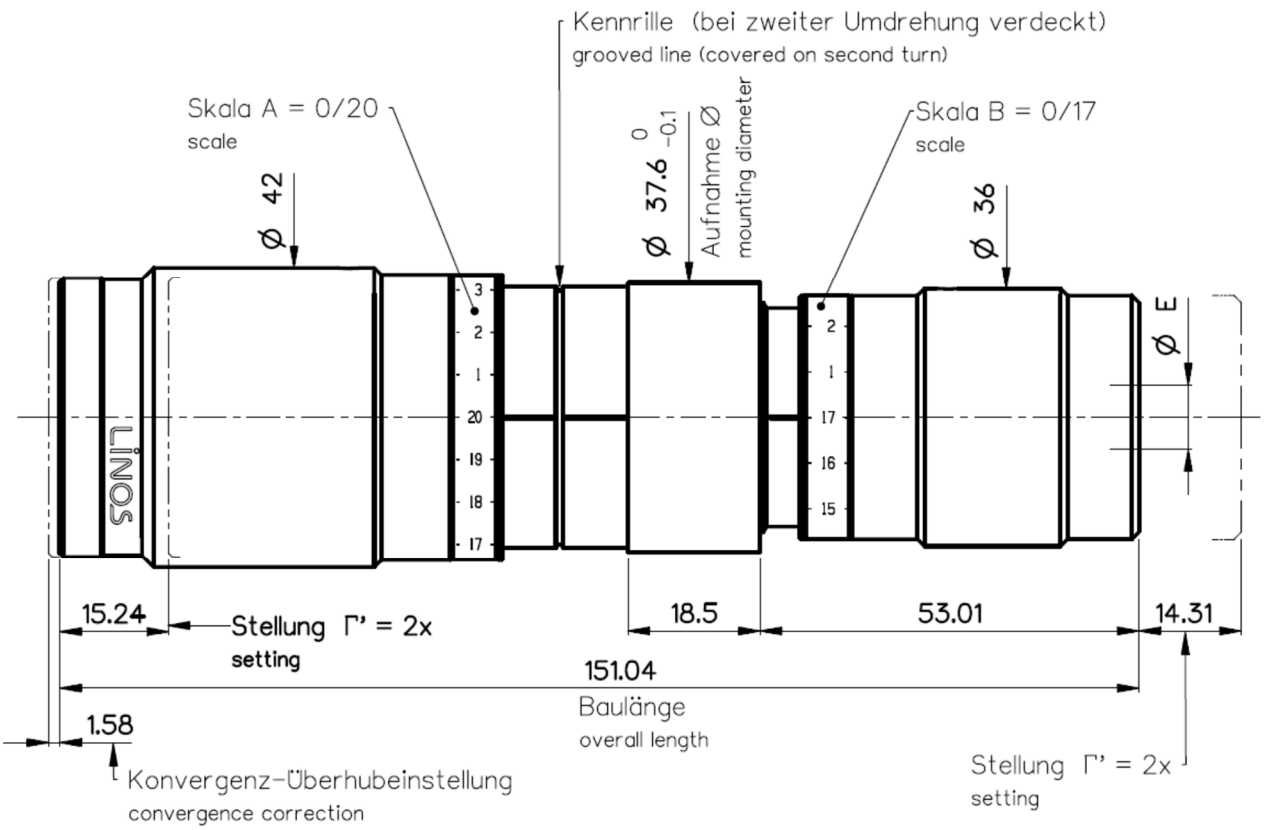
LINOS Beam Expander

2 - 8x, 1064nm, entrance lens made of fused silica

Part number	4401-359-000-20		
Design wavelength	λ	(nm)	1064
Expansion	Γ'		2x - 8x
Lens material			Entrance lens made of fused silica, other lenses optical glass
Material			Aluminium, black anodized
Max. entrance beam diameter ($1/e^2$ truncated) for $2.0 \leq \Gamma \leq 3.9$	Emax Ø	(mm)	6
Max. entrance beam diameter ($1/e^2$ truncated) for $4.0 < \Gamma \leq 8.0$	Emax Ø	(mm)	4
LIDT coating @ 1064nm, 9ns, 100Hz		(J/cm^2)	30

Subject to technical change

Mechanical drawing
Beam Expander displayed in setting Γ' = 8x



Dimensions without tolerances are nominal values and illustration not to scale

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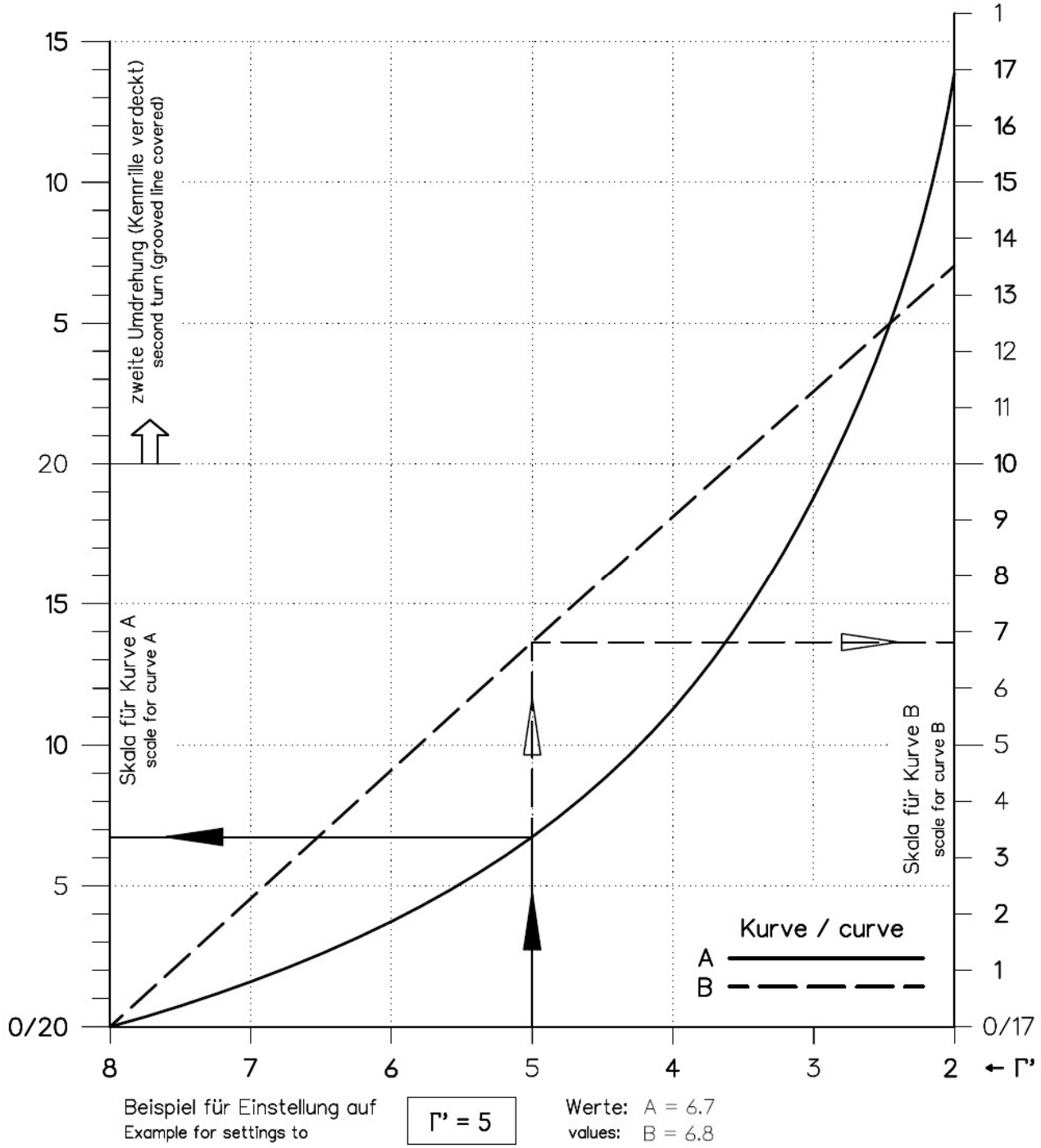
Setting values for a given expansion Γ'



Notes

For technical explanations, see our homepage.

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