

LINOS Beam Expander

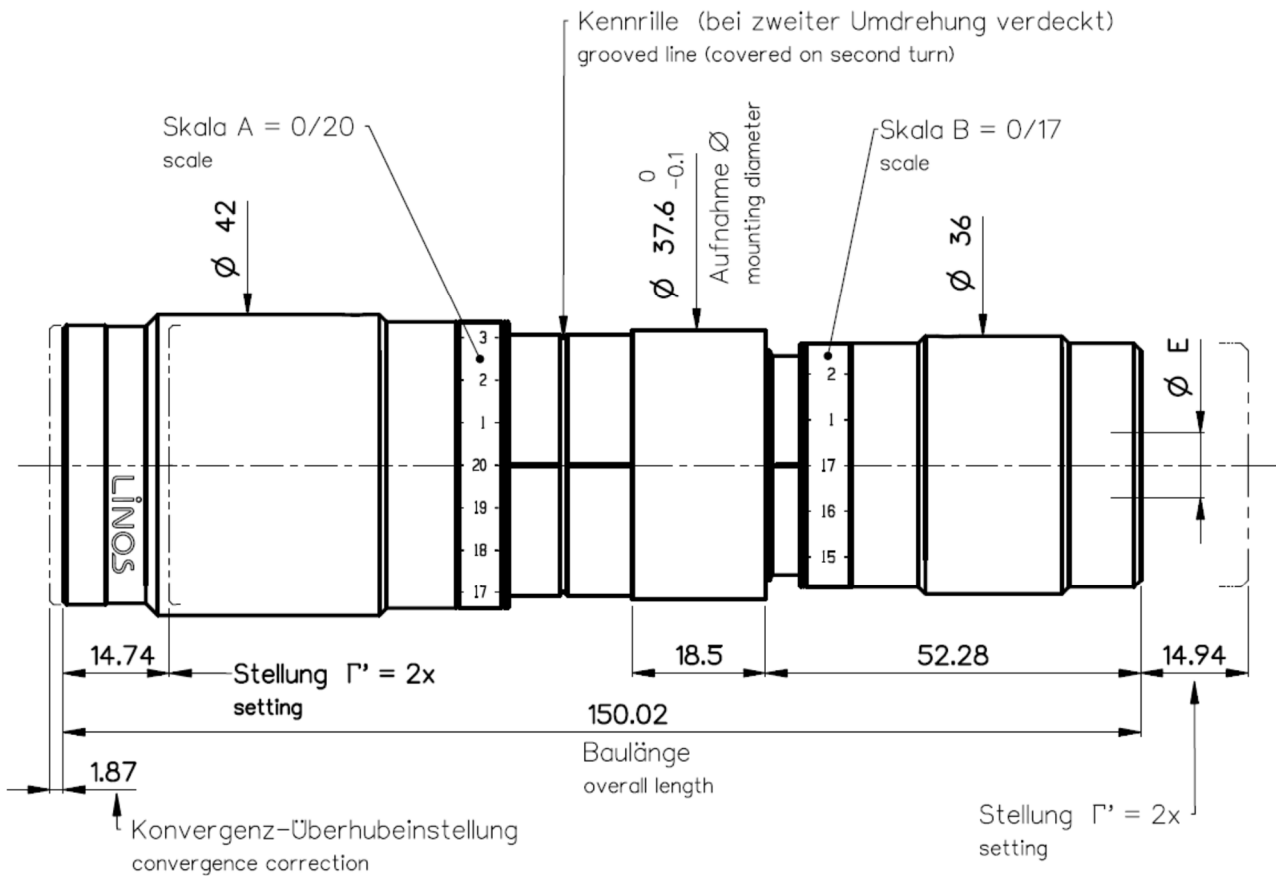
2 - 8x, 532nm, entrance lens made of fused silica

Part number	4401-446-000-20		
Design wavelength	λ	(nm)	532
Broadband anti-reflective coating on the lenses	λ	(nm)	515 - 540
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)	$E_{max} \varnothing$	(mm)	4
LIDT coating @ 532nm, 6ns, 100Hz		(J/cm ²)	20

Subject to technical change

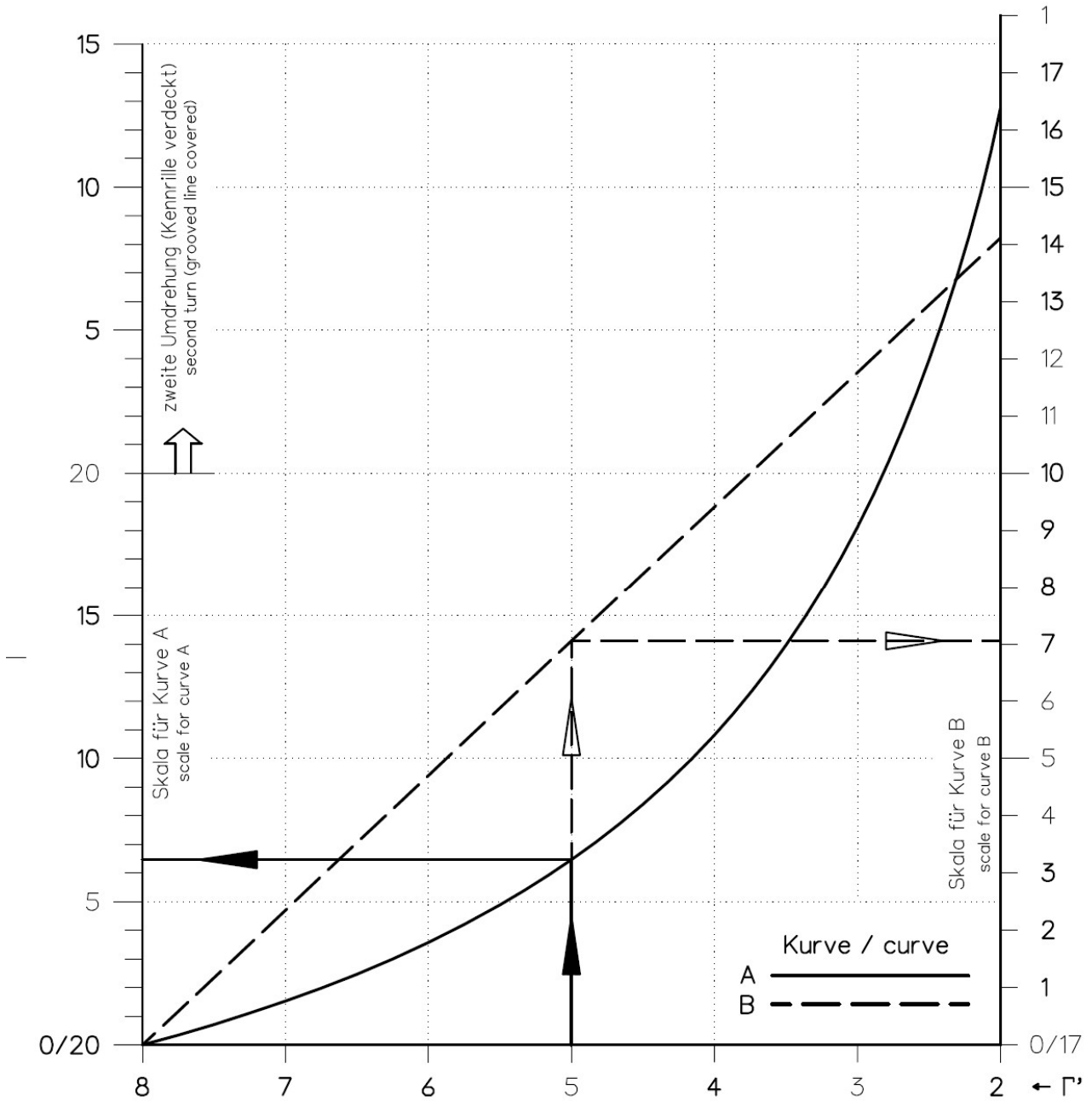
Mechanical drawing

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'



Beispiel für Einstellung auf
Example for settings to

$\Gamma' = 5$

Werte: A = 6.5
values: B = 7.1

Notes



For technical explanations, see our homepage.