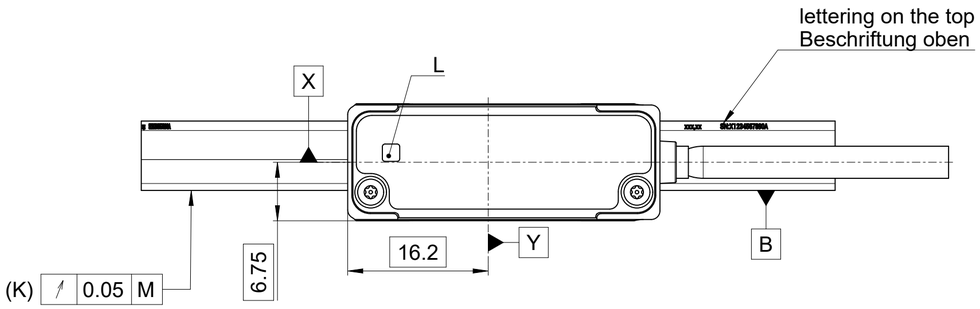
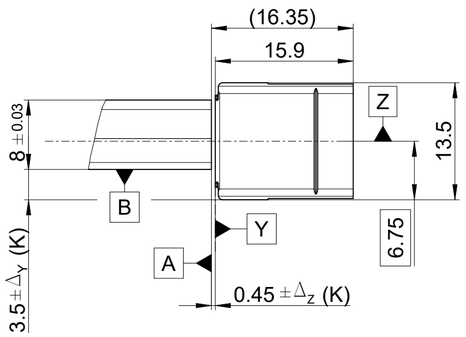
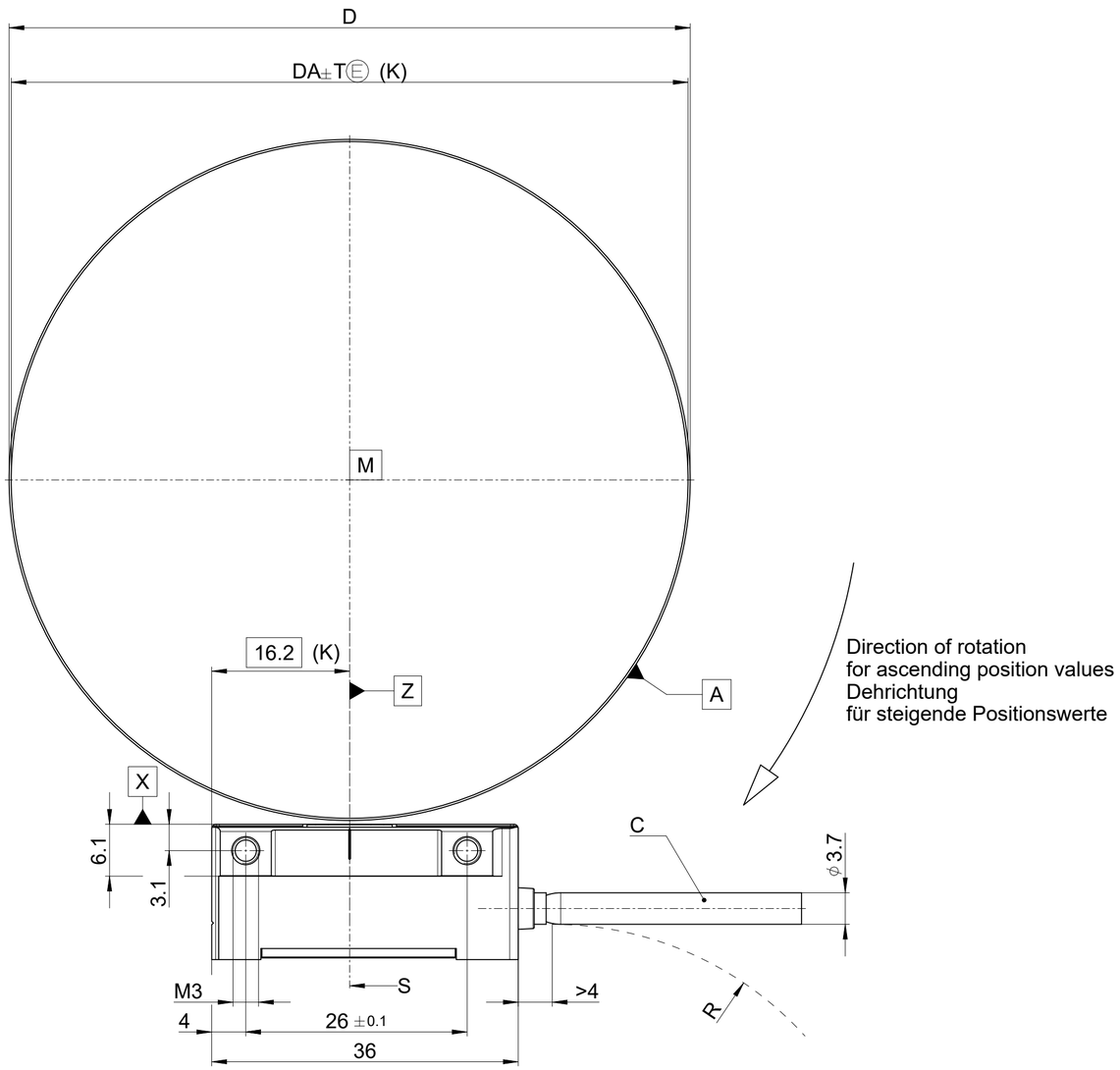




D	±T
>Ø75.00 - ≤ Ø80.00	0.008
>Ø80.00 - ≤ Ø120.00	0.010
>Ø120.00 - ≤ Ø180.00	0.015
>Ø180.00 - ≤ Ø250.00	0.020
>Ø250.00 - ≤ Ø370.00	0.030
>Ø370.00 - ≤ Ø500.00	0.045
>Ø500.00 - ≤ Ø660.00	0.060
>Ø660.00	0.080



DA = D - 0.5

M = rotary axis / Rotationsachse

D = scanning diameter / Abtastdurchmesser
DA = mating diameter / Aufnahmedurchmesser
T = tolerance mating diameter / Toleranz Aufnahmedurchmesser

S = optical centerline and mark for 0° position
optische Mittellinie und Markierung für 0° position
C = cable / Anschlusskabel
K = customer mounting dimensions / kundenseitige Anschlussmaße
R = bending radius / Biegeradius: stat. R ≥ 8mm, dyn. R ≥ 40mm
L = LED function display / LED Funktionsanzeige

Permissible position deviation scanning head - tape scale ring A B
Zulässige Lageabweichungen Abtasteinheit - Maßbandring A B

φ_Z = ± 5mrad or / oder ± 0.29° (yaw angle / Gierwinkel)
φ_Y = ± 5mrad or / oder ± 0.29° (pitch angle / Nickwinkel)
φ_X = ± 7mrad or / oder ± 0.40° (roll angle / Rollwinkel)

Δ_Z = (GAP tolerance / Abstandstoleranz)
= ± 0,1 ... D ≤ 110
= ± 0,15 ... D > 110
Δ_Y = ± 0,5 (displacement / Verschiebung)

			ID number:	
			Change No.	C157360-42
			Phase:	Serie
	Original drawing Scale 2:1	Format A2	MCR16 MBR MCR16 MBR Anschlussmaße / Mating Dimensions	Tolerances as per ISO 8015
Dimensions in mm				General Tolerances ISO 2768:1989-mH ≤ 6:±0.2

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