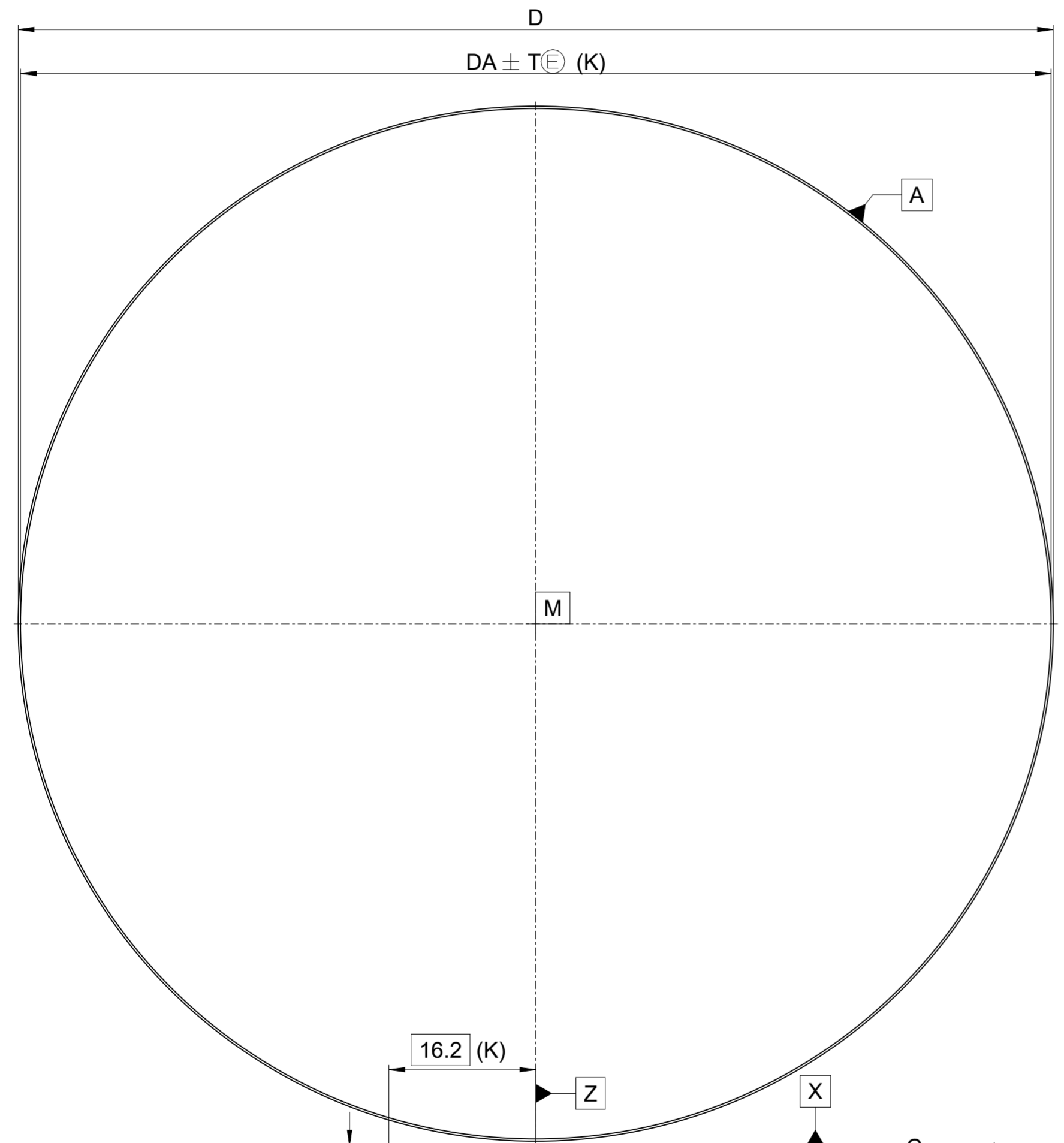


D	±T
Ø59,93	0.005
>Ø60.00 - ≤ Ø70.00	0.006
>Ø70.00 - ≤ Ø80.00	0.008
>Ø80.00 - ≤ Ø120.00	0.010
>Ø120.00 - ≤ Ø180.00	0.015
>Ø180.00 - ≤ Ø250.00	0.020
>Ø250.00 - ≤ Ø350.23	0.030

D	Δz
Ø59.93 - ≤ Ø110.00	0.1
>Ø110.00 - ≤ Ø350.23	0.2



$DA = D - 0.5$

M = rotary axis / Rotationsachse

D = scanning diameter / Abtastdurchmesser (Ø59.93 ... Ø350.23)  
 DA = mating diameter / Aufnahmedurchmesser  
 T = tolerance mating diameter / Toleranz Aufnahmedurchmesser

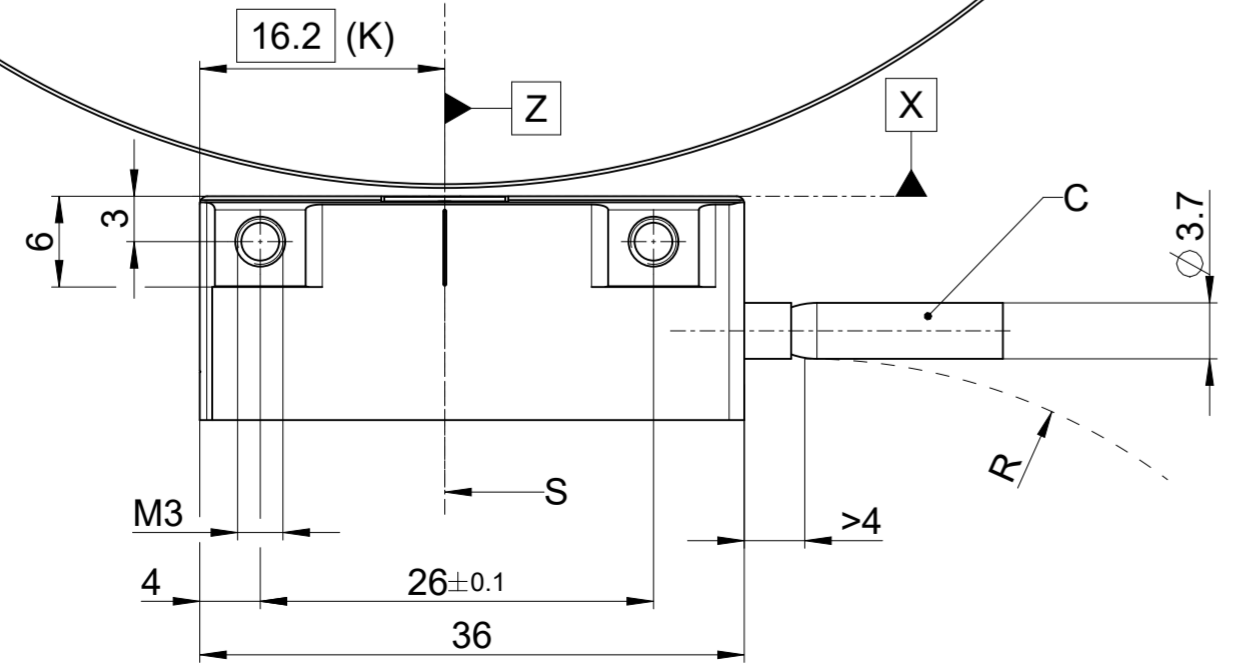
S = optical centerline and mark for 0° position  
 optische Mittellinie und Markierung für 0° position  
 C = cable / Anschlusskabel  
 K = customer mounting dimensions / kundenseitige Anschlussmaße  
 R = bending radius / Biegeradius: stat.  $R \geq 8\text{mm}$ , dyn.  $R \geq 40\text{mm}$   
 L = LED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

Permissible position deviation scanning head - drum **A B**  
 Zulässige Lageabweichungen Abtasteinheit - Trommel **A B**

$\varphi_z = \pm 20\text{mrad}$  or / oder  $\pm 1.15^\circ$  (yaw angle / Gierwinkel)  
 $\varphi_y = \pm 5\text{mrad}$  or / oder  $\pm 0.29^\circ$  (pitch angle / Nickwinkel)  
 $\varphi_x = \pm 7\text{mrad}$  or / oder  $\pm 0.40^\circ$  (roll angle / Rollwinkel)

$\Delta_z$  = GAP tolerance, see table / Abstandstoleranz, siehe Tabelle  
 $\Delta_y = \pm 1,0$  (displacement / Verschiebung)

Direction of motion  
 for ascending position values  
 Bewegungsrichtung  
 für steigende Positionswerte



Original drawing		ID number:	
Scale	Format	Change No.	C157360-21
2:1	A2	Phase:	Serie
Dimensions in mm		Tolerances as per ISO 8015	
		General Tolerances ISO 2768:1989-mH ≤ 6:±0.2	
		Anschlussmaße / Mating Dimensions	
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