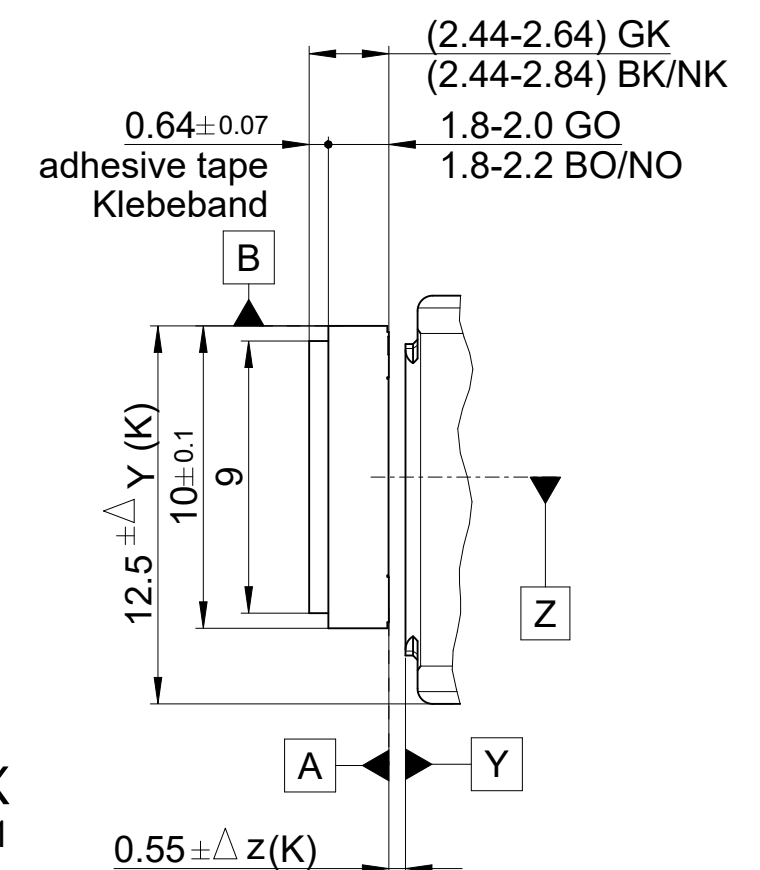
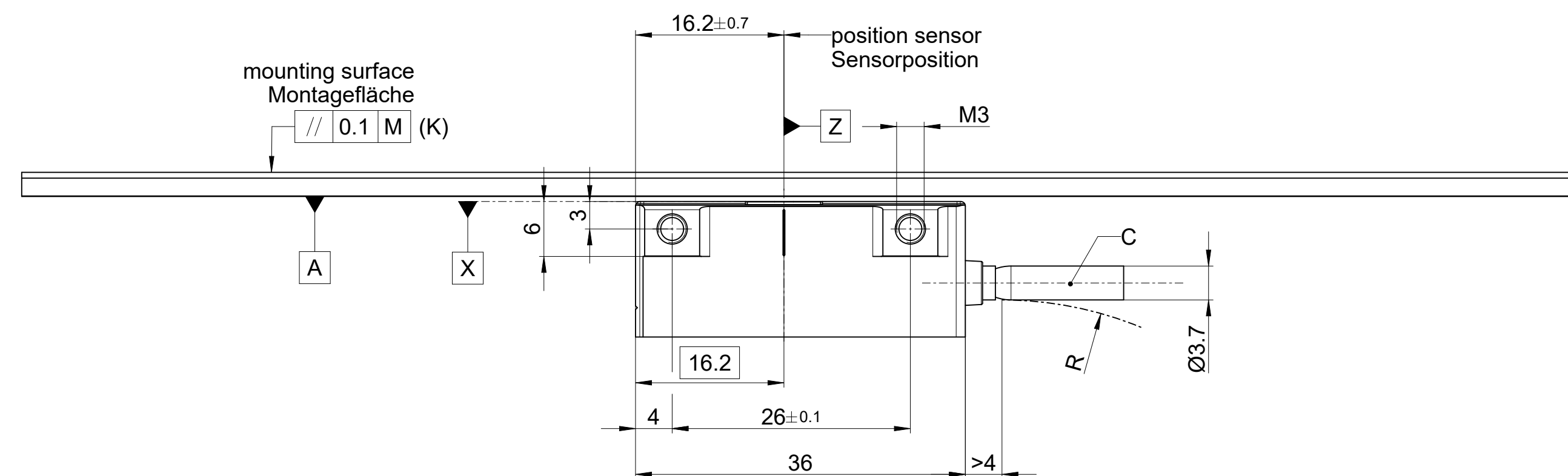
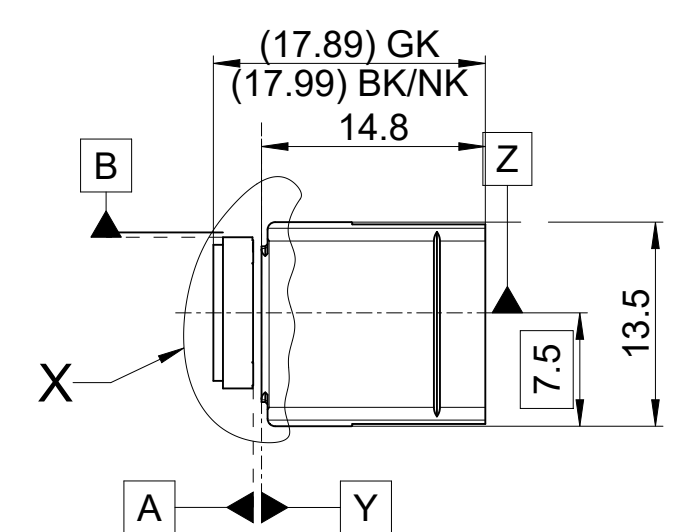
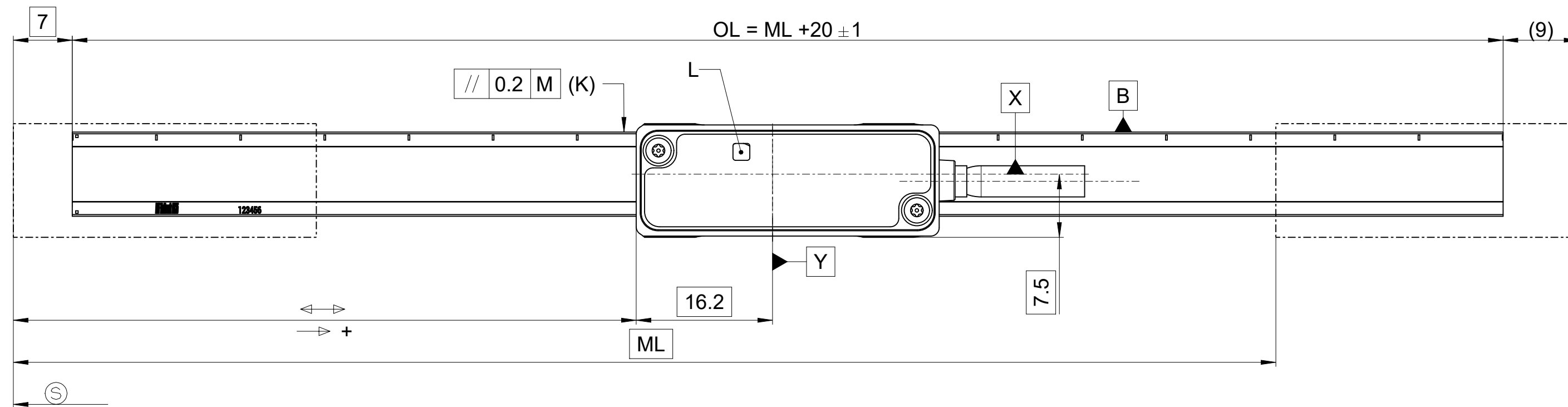




M = machine guideway / Maschinenführung
ML = measuring length / Messlänge
OL = overall length / Gesamtlänge
↔ = S...S+ML
→ + = direction of motion of the scanning unit for ascending position values
= Bewegungsrichtung des Abtastkopfes für steigende Positionswerte
Ⓢ = code start value not defined (standard) / Codestartwert nicht definiert (Standard)
code start value on customer request ≥ 16mm (optional) / Codestartwert nach Kundenwunsch ≥ 16mm (optional)
C = cable / Anschlusskabel
K = customer mounting dimensions / kundenseitige Anschlussmaße
L = LED function display / LED Funktionsanzeige
R = bending radius / Biegeradius: stat. $R \geq 8\text{mm}$, dyn. $R \geq 40\text{mm}$

Permissible position deviation scanning head - scale	A	B
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Zulässige Lageabweichungen Abtastkopf - Maßstab	A	B
1:1	0,15 mm	0,25 mm
2:1	0,20 mm	0,35 mm
5:1	0,30 mm	0,50 mm
10:1	0,40 mm	0,70 mm
20:1	0,50 mm	0,90 mm
50:1	0,60 mm	1,10 mm
100:1	0,70 mm	1,30 mm
200:1	0,80 mm	1,50 mm
500:1	0,90 mm	1,70 mm
1000:1	1,00 mm	1,90 mm

$$\Delta_z = \pm 0.25\text{mm (airgap / Abstand)}$$
$$\Delta_y = \pm 1.0\text{mm (lateral / Verschiebung)}$$
$$\varphi_Z = \pm 20\text{mrad or / oder } 1.15^\circ \text{ (yaw angle / Gierwinkel)}$$
$$\varphi_Y = \pm 20\text{mrad or / oder } 1.15^\circ \text{ (pitch angle / Nickwinkel)}$$
$$\varphi_X = \pm 20\text{mrad or / oder } 1.15^\circ \text{ (roll angle / Rollwinkel)}$$

GO = glass scale / Glasmaßstab

GK = glass scale with adhesive tape / Glasmaßstab mit Klebeband

BO/NO = glass ceramic scale / Glaskeramikmaßstab

BK/NK = glass ceramic scale with adhesive tape / Glaskeramikmaßstab mit Klebeband

				ID number:		
				Change No.		C157360-26
				Phase:		Series
		Original drawing		MC15 GK/GO/BK/BO/NK/NO		
		Scale		Format		MC15 GK/GO/BK/BO/NK/NO
Dimensions in mm		2:1		A2		Anschlussmaße / Mating Dimensions
				Tolerances as per ISO 8015		
				General Tolerances ISO 2768:1989-mH ≤ 6±0.2		
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RSF Elektronik www.rsf.at		Released		Version		Revision
		28.02.2024		D1370296-02 - A-01		Sheet
						Page
		Document number				1 of 1