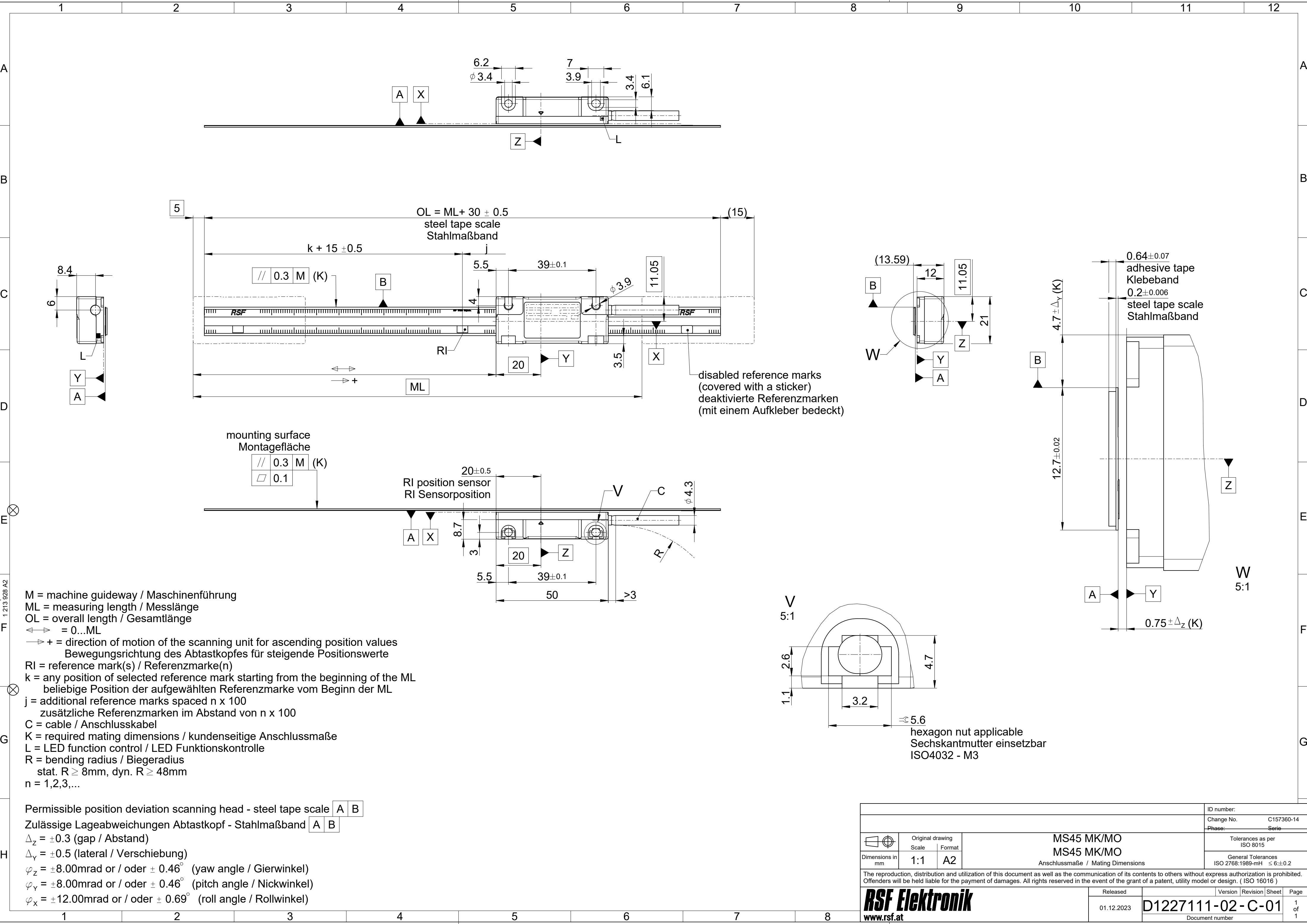




M = machine guideway / Maschinenführung
ML = measuring length / Messlänge
OL = overall length / Gesamtlänge
↔ = 0...ML
→ + = direction of motion of the scanning unit for ascending position values
Bewegungsrichtung des Abtastkopfes für steigende Positionswerte
RI = reference mark(s) / Referenzmarke(n)
k = any position of selected reference mark starting from the beginning of the ML
beliebige Position der ausgewählten Referenzmarke vom Beginn der ML
j = additional reference marks spaced n x 100
zusätzliche Referenzmarken im Abstand von n x 100
C = cable / Anschlusskabel
K = required mating dimensions / kundenseitige Anschlussmaße
L = LED function control / LED Funktionskontrolle
R = bending radius / Biegeradius
stat. R ≥ 8mm, dyn. R ≥ 48mm
n = 1,2,3,...

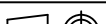
Permissible position deviation scanning head - steel tape scale

A	B
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Zulässige Lageabweichungen Abtastkopf - Stahlmaßband

A	B
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 $\Delta_z = \pm 0.3$ (gap / Abstand)
 $\Delta_y = \pm 0.5$ (lateral / Verschiebung)
 $\varphi_z = \pm 8.00\text{mrad}$ or / oder $\pm 0.46^\circ$ (yaw angle / Gierwinkel)
 $\varphi_y = \pm 8.00\text{mrad}$ or / oder $\pm 0.46^\circ$ (pitch angle / Nickwinkel)
 $\varphi_x = \pm 12.00\text{mrad}$ or / oder $\pm 0.69^\circ$ (roll angle / Rollwinkel)

				ID number:				
				Change No.		C157360-14		
				Phase:		Serie		
	Original drawing		MS45 MK/MO MS45 MK/MO Anschlussmaße / Mating Dimensions				Tolerances as per ISO 8015	
	Scale	Format					General Tolerances ISO 2768:1989-mH ≤ 6:±0.2	
Dimensions in mm	1:1	A2						
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				Document number				