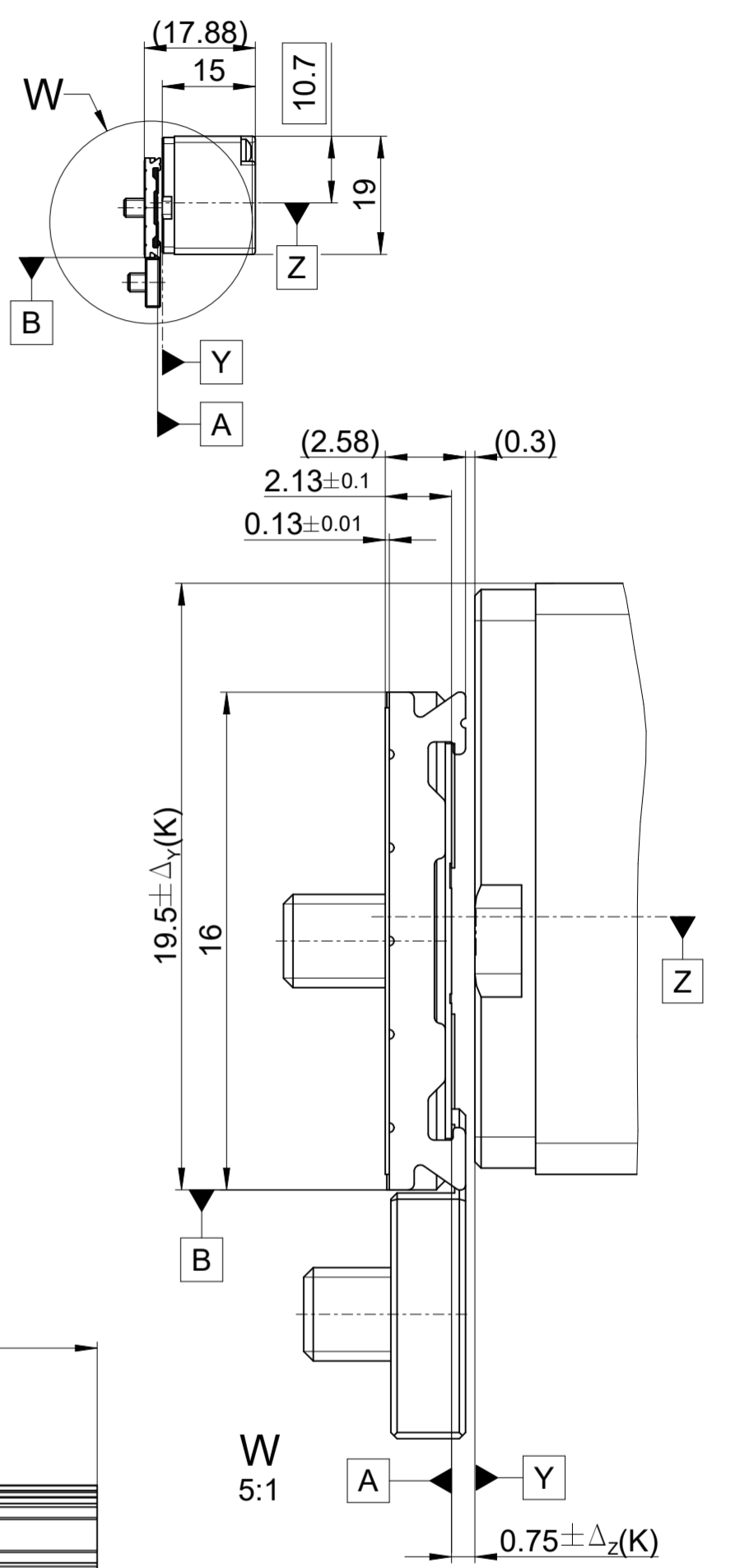
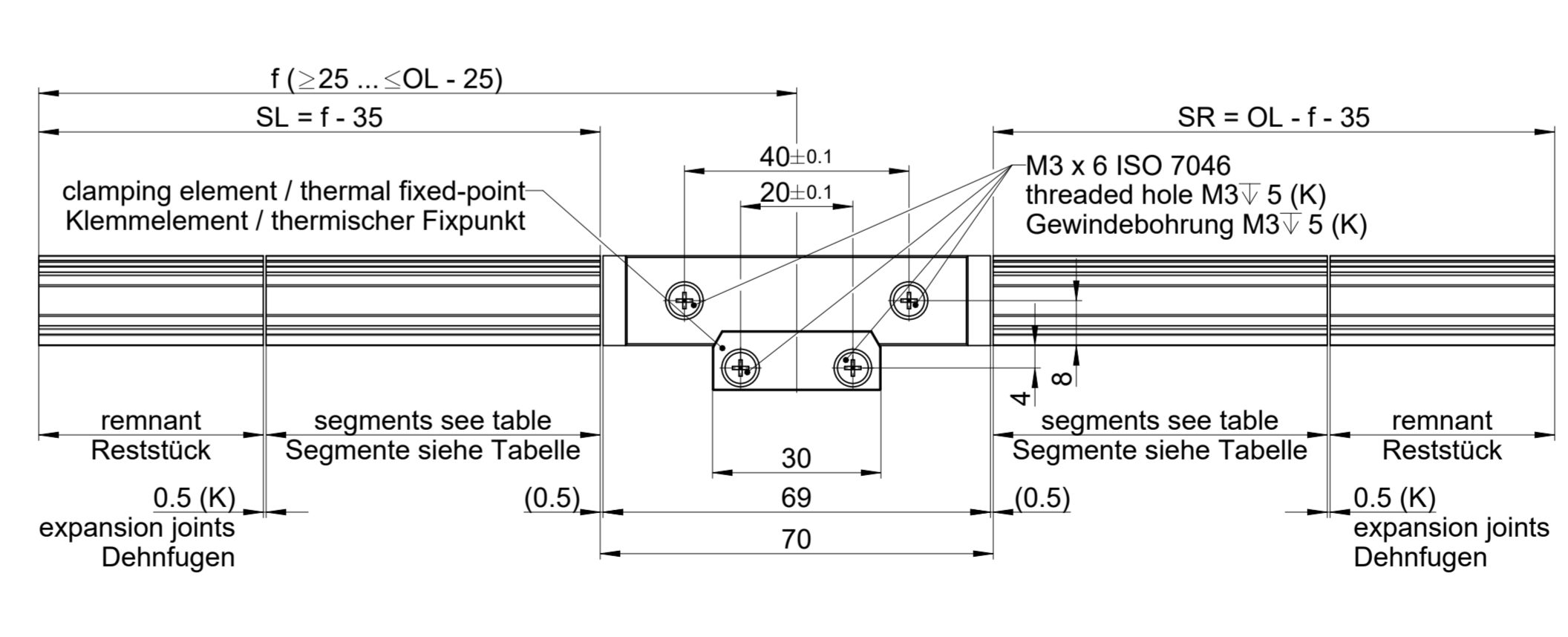


SL, SR = segment length / Segmentlänge
 ≥ 20 ... ≤ 1000 = 1x remnant / Reststück (≥ 20 ... ≤ 1000)
 > 1000 ... ≤ 1500 = 1x 499,5 + 1x remnant / Reststück (> 500 ... ≤ 1000)
 > 1500 ... ≤ 2000 = 1x 999,5 + 1x remnant / Reststück (> 500 ... ≤ 1000)
 > 2000 ... ≤ 2500 = 1x 499,5 + 1x 999,5 + 1x remnant / Reststück (> 500 ... ≤ 1000)
 > 2500 ... ≤ 3000 = 2x 999,5 + 1x remnant / Reststück (> 500 ... ≤ 1000)
 > 3000 ... ≤ 3500 = 1x 499,5 + 2x 999,5 + 1x remnant / Reststück (> 500 ... ≤ 1000)
 etc.

M = machine guideway / Maschinenführung
 ML = measuring length / Messlänge
 OL = overall length / Gesamtlänge
 ↔ = 0 ... ML
 ⊙ = beginning of the measuring length / Beginn der Messlänge
 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 50
 zusätzliche Referenzmarken im Abstand von n x 50
 f = OL/2 (standard)
 any position of the clamping element (optional)
 beliebige Position des Klemmelements (optional)
 C = cable / Anschlusskabel
 K = required mating dimensions / kundenseitige Anschlussmaße
 L = LED function control / LED Funktionskontrolle
 R = bending radius / Biegeradius
 stat. R ≥ 8mm, dyn. R ≥ 20mm
 S1, S2 = switch signal / Schaltsignal
 n = 1,2,3,...



Permissible position deviation scanning head - scale tape A B
 Zulässige Lageabweichungen Abtastkopf - Maßband A B

Δ_z = +0.20mm / -0.15mm (gap / Abstand)

Δ_y = ± 0.5mm (lateral / Verschiebung)

φ_z = ± 0.25mrad or / oder ± 0.014° (yaw angle / Gierwinkel)

φ_y = ± 5.00mrad or / oder ± 0.29° (pitch angle / Nickwinkel)

φ_x = ± 5.00mrad or / oder ± 0.29° (roll angle / Rollwinkel)

| | | | | | |
|---|-----|-----------------------------------|---|----------------------------|--------------|
| Original drawing | | MS35 MP | | ID number: | C157360-13 |
| Scale | | MS35 MP | | Change No. | Phase: Serie |
| Format | | Anschlussmaße / Mating Dimensions | | Tolerances as per ISO 8015 | |
| Dimensions in mm | 1:1 | A2 | General Tolerances ISO 2768:1989-mH ≤ 6±0.2 | | |
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| Released | | Version / Revision | | Sheet | Page |
| 01.12.2023 | | D1211142-02 - A-01 | | 1 | 1 |
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