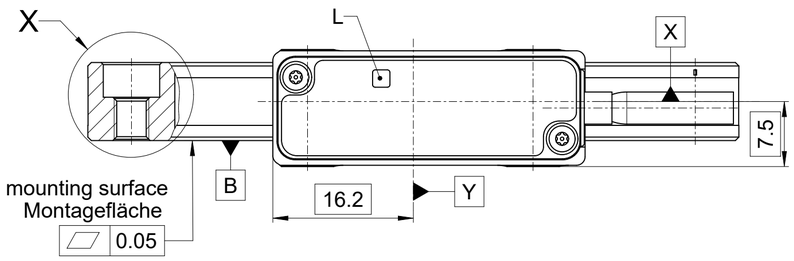
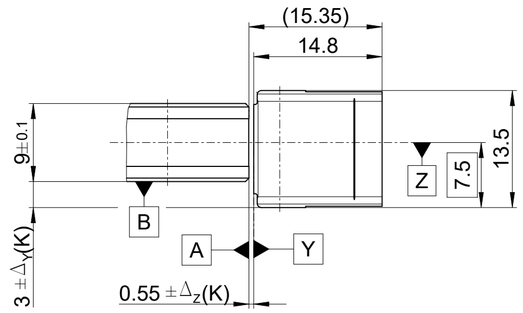
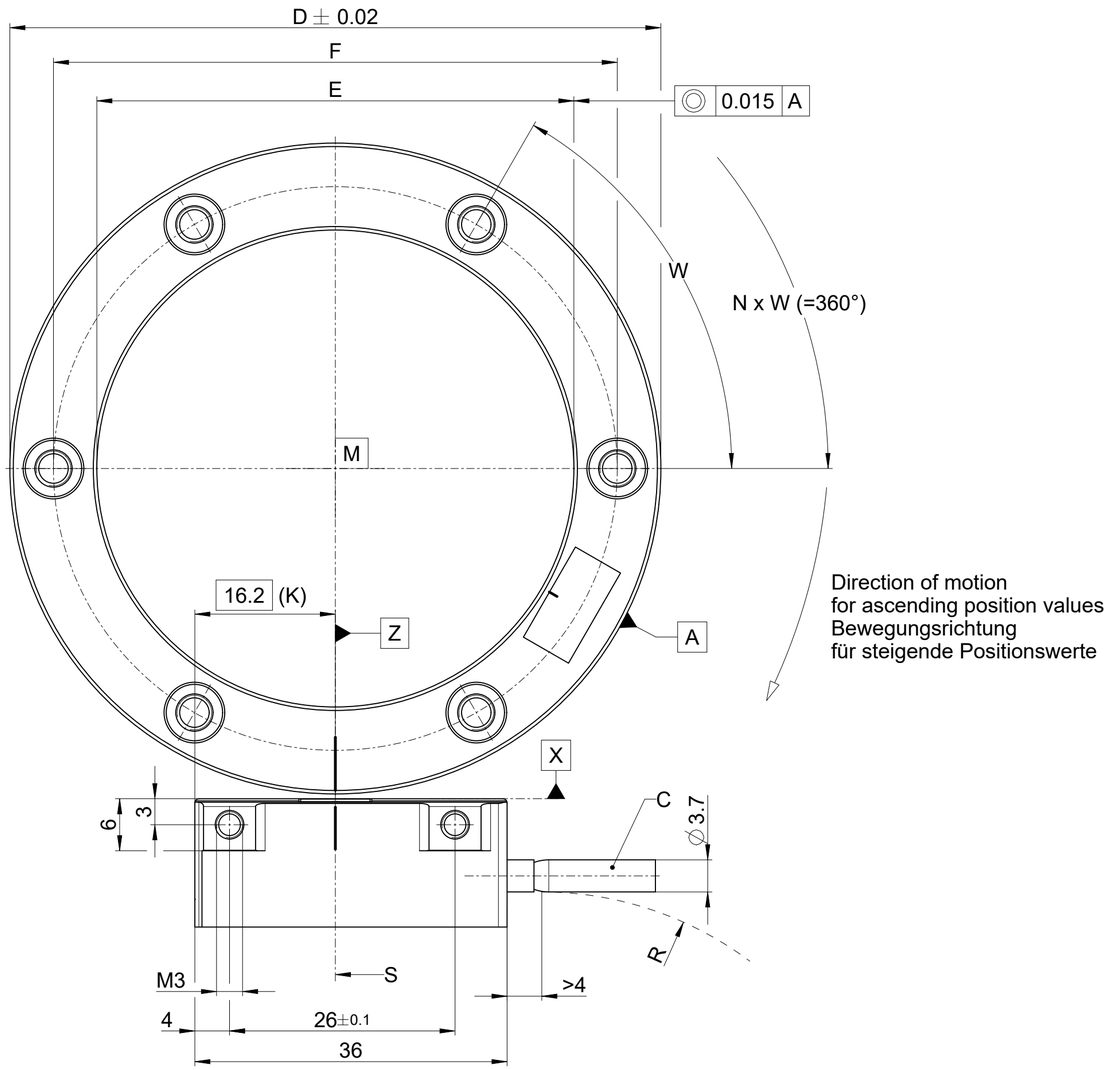
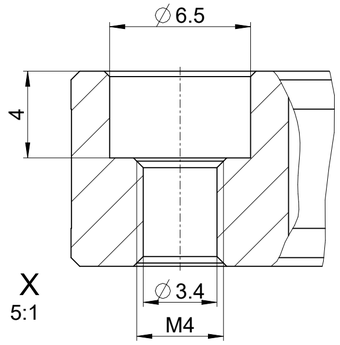






Direction of motion
for ascending position values
Bewegungsrichtung
für steigende Positionswerte



D	E	F	N	W
ϕ 50.00	ϕ 30 H7	ϕ 40	6	60°
ϕ 59.93	ϕ 40 H7	ϕ 50	6	60°
ϕ 75.06	ϕ 55 H7	ϕ 65	6	60°
ϕ 99.96	ϕ 80 H7	ϕ 90	6	60°
ϕ 114.17	ϕ 95 H7	ϕ 105	6	60°
ϕ 150.38	ϕ 130 H7	ϕ 140	9	40°
ϕ 200.35	ϕ 180 H7	ϕ 190	12	30°
ϕ 228.77	ϕ 209 H7	ϕ 219	12	30°
ϕ 249.85	ϕ 230 H7	ϕ 240	12	30°
ϕ 299.81	ϕ 280 H7	ϕ 290	16	22.5°
ϕ 350.23	ϕ 330 H7	ϕ 340	16	22.5°

M = rotary axis / Rotationsachse

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 - drum A B
Zulässige Lageabweichungen Abtasteinheit - Trommel A B

φ_Z = ± 20mrad or / oder ± 1.15° (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
= ± 0,2 ... D > 110
Δ_Y = ± 1,0 (displacement / Verschiebung)

1 213 928 A2

ID number:
Change No. C157360-42
Phase: Serie

Original drawing
Scale 2:1
Format A2
Dimensions in mm

MCR15 TTR
MCR15 TTR
Anschlussmaße / Mating Dimensions

Tolerances as per ISO 8015
General Tolerances ISO 2768:1989-mH ≤ 6±0.2

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