



D	E	F	N	W	Dz
φ 50.00	φ 30 H7	φ 40	6	60°	± 0.1
φ 59.93	φ 40 H7	φ 50	6	60°	± 0.1
φ 75.06	φ 55 H7	φ 65	6	60°	± 0.1
φ 99.96	φ 80 H7	φ 90	6	60°	± 0.1
φ 114.17	φ 95 H7	φ 105	6	60°	± 0.2
φ 150.38	φ 130 H7	φ 140	9	40°	± 0.2
φ 200.35	φ 180 H7	φ 190	12	30°	± 0.2
φ 228.77	φ 209 H7	φ 219	12	30°	± 0.2
φ 249.85	φ 230 H7	φ 240	12	30°	± 0.2
φ 299.81	φ 280 H7	φ 290	16	22.5°	± 0.2
φ 350.23	φ 330 H7	φ 340	16	22.5°	± 0.2

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 $\begin{matrix} A & B \\ A & B \end{matrix}$
Zulässige Lageabweichungen Abtasteinheit - Trommel $\begin{matrix} A & B \\ A & B \end{matrix}$

$\varphi_z = \pm 20\text{mrad}$ 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)

Δ_z = GAP tolerance, see table / Abstandstoleranz, siehe Tabelle

$\Delta_y = \pm 1,0$ (displacement / Verschiebung)

Original drawing		Scale		Format		MCR15 TTR		ID number:	
Dimensions in mm		2:1		A2		MCR15 TTR		Change No. C157360-21	
						Anschlussmaße / Mating Dimensions		Phase: Serie	
								Tolerances as per ISO 8015	
								General Tolerances ISO 2768:1989-mH ≤ 6:±0.2	
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