

Internal measurement with 3-point contact

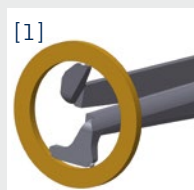
Application range from 7 to 105 mm



L210P3

Type	Measuring span Mes [mm]	Measuring range Meb [mm]	Range of indication AzB [mm]	Numerical interval Zw [mm]	Permissible errors G [mm]	Repeatability limit r [mm]	Measuring force F_{min} [N]	Measuring force F_{max} [N]	Weight [g]	Protection class	Measuring contact movable Hb [mm]	Measuring contact fixed Hf [mm]	Type of measuring contact [mm]	Groove depth A max. [mm]	Groove width B min. [mm]	Measuring depth L max. [mm]	Picture	Electronic E Mechanical M	Wooden box
L107P3	7	7–14	6.8–14.5	0.002	0.01	0.004	1.0	1.4	250	IP67	2.5	-	Ball Ø 0.6	2.2	0.8	34	[1]	E	1732-65
L210P3	10	10–20	9.8–20.5	0.005	0.02	0.01	1.1	1.6	270	IP67	4.6	-	Ball Ø 1	3.5	1.6	75	[2]	E	1732-65
L215P3	15	15–30	14.5–30.5	0.005	0.02	0.01	1.1	1.6	295	IP67	5.8	-	Ball Ø 1	5.0	1.6	77	[2]	E	1732-65
L225P3	20	25–45	24.5–45.5	0.005	0.02	0.01	1.1	1.6	275	IP67	7.3	-	Ball Ø 1	7.0	1.6	84	[3]	E	1732-65
L240P3	20	40–60	39.5–60.5	0.005	0.02	0.01	1.1	1.6	290	IP67	12.2	-	Ball Ø 1	8.0	1.6	84	[3]	E	1732-65
L255P3	20	55–75	54.5–75.5	0.005	0.02	0.01	1.1	1.6	290	IP67	12.2	-	Ball Ø 1	8.0	1.6	84	[3]	E	1732-65
L270P3	20	70–90	69.5–91	0.005	0.02	0.01	1.1	1.6	295	IP67	12.2	-	Ball Ø 1	8.5	1.6	84	[3]	E	1732-65
L285P3	20	85–105	84.5–106	0.005	0.02	0.01	1.1	1.6	305	IP67	12.2	-	Ball Ø 1	9.0	1.6	84	[3]	E	1732-65

Measuring contacts



Ball Ø 0.6 mm

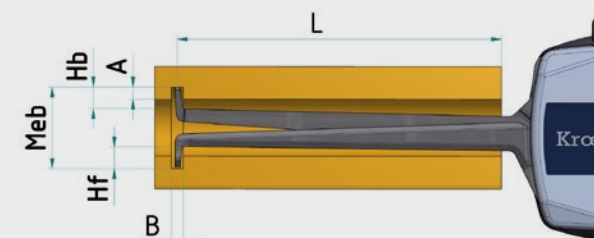


Ball Ø 1.0 mm



Ball Ø 1.0 mm

Measuring capacity



Meb Measuring range

A Groove depth

B Groove width

Hb Measuring contact movable

Hf Measuring contact fixed

L Measuring depth