

Internal measurement with 3-point contact

Application range from 7 to 105 mm



G210P3

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 [mm]	Groove width B min [mm]	Measuring depth L max. [mm]	Picture	Electronic E	Mechanical M	Wooden box
G107P3	7	7-14	6.8-14.5	0.002	0.01	0.004	1.0	1.4	230	IP67	2.5	-	Ball Ø 0.6	2.2	0.8	34	[1]	E		1732-45
G210P3	10	10-20	9.8-20.5	0.005	0.02	0.01	1.1	1.6	250	IP67	4.6	-	Ball Ø 1	3.5	1.6	75	[2]	E		1732-45
G215P3	15	15-30	14.5-30.5	0.005	0.02	0.01	1.1	1.6	275	IP67	5.8	-	Ball Ø 1	5.0	1.6	77	[2]	E		1732-45
G225P3	20	25-45	24.5-45.5	0.005	0.02	0.01	1.1	1.6	255	IP67	7.3	-	Ball Ø 1	7.0	1.6	84	[3]	E		1732-45
G240P3	20	40-60	39.5-60.5	0.005	0.02	0.01	1.1	1.6	270	IP67	12.2	-	Ball Ø 1	8.0	1.6	84	[3]	E		1732-45
G255P3	20	55-75	54.5-75.5	0.005	0.02	0.01	1.1	1.6	270	IP67	12.2	-	Ball Ø 1	8.0	1.6	84	[3]	E		1732-45
G270P3	20	70-90	69.5-91	0.005	0.02	0.01	1.1	1.6	275	IP67	12.2	-	Ball Ø 1	8.5	1.6	84	[3]	E		1732-45
G285P3	20	85-105	84.5-106	0.005	0.02	0.01	1.1	1.6	285	IP67	12.2	-	Ball Ø 1	9.0	1.6	84	[3]	E		1732-45

Measuring contacts

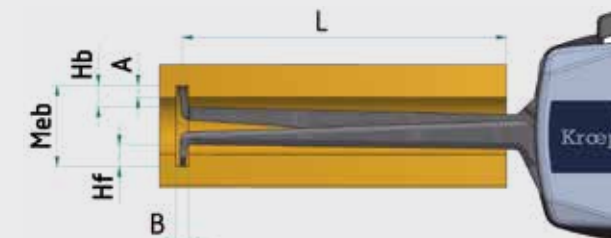


Ball Ø 0.6 mm

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