



CASE

Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.
Moulded-in spindle.

BEZEL

Technopolymer. Moulded over the window.

WINDOW

Transparent polyamide based (PA-T) technopolymer (practically unbreakable).
Resistant to solvents, oils, greases and other chemical agents (avoid contact with alcohol during cleaning operations).

DIAL

Natural matte anodised aluminium.
Clockwise or anti-clockwise graduation, black colour.

READING

The black pointer indicates the number of turns of the spindle from the start position (0); the red pointer indicates the fractions of turn.
Ballrace rotation: maximum reading accuracy.

RATIO

To choose the ratio see "Gravity position indicators introduction" (on page 554).

IP PROTECTION

The ultrasonic welding of the window to the case guarantees the complete sealing with IP 67 protection class, see IEC 529 (on page A-19).

FEATURES AND APPLICATIONS

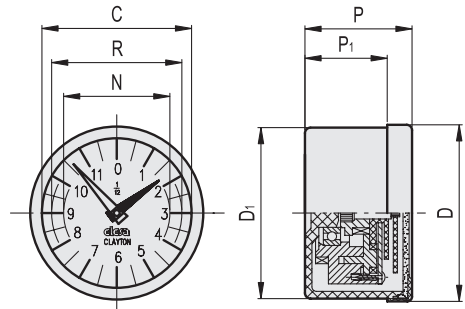
The knobs with integral gravity position indicator are suitable on spindles with horizontal or max 60° inclined axis.
To choose the handwheel see the table "Handwheels/knobs - possible assembly with indicators" (on page 555).

SPECIAL EXECUTIONS ON REQUEST

- Special dial with logo or customised graduations
- Special ratios
- Liquid filled
- Single pointer



ELESA Original design



METRIC

Serie	D	P	D1	P1	C	R	N	⚖️
GA11	49.8	30	48.2	23	42	37	30	75
GA12	68.5	32	67.0	25	60	51	44	125

Conversion Table	
1 mm = 0.039 inch	
D	
mm	inch
49.8	1.96
68.5	2.70

Example of description for ordering

GA11 - 0002 - D

Series

Ratio

Graduation

GA11

GA12



Ratio	Description	Ratio	Description	Ratio	Description	Ratio	Description
2	0002	12	0012	36	0036	100	0100
4	0004	15	0015	40	0040	120	0120
5	0005	16	0016	48	0048	150 *	0150
6	0006	20	0020	50	0050	200 *	0200
8	0008	24	0024	60	0060		
10	0010	30	0030	72	0072		

* Available only for GA12

Increasing graduation

clockwise **D** anti-clockwise **S**

