

LSS-TG Series Precision Test Pressure Gauge



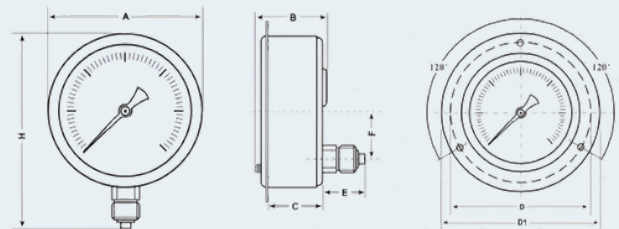
Applications

The Lomas LSS-TG Series is a precision test gauge for calibration, testing, and high-accuracy reference measurements. With stainless steel construction, large dial sizes, and precision movements, it is designed for use in calibration laboratories, testing facilities, and demanding process applications.

Special Features

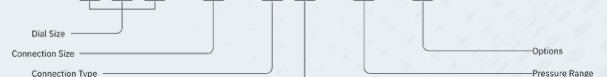
- High accuracy: Class 0.25% or 0.6% of span (per EN 837-1/5).
- Nominal sizes 160 mm and 250 mm for excellent readability.
- Scale ranges up to 600 bar, with vacuum and compound ranges available.
- Optional mirror band scale for parallax-free reading.
- Optional knife-edge pointer or micrometer adjustable pointer.
- Stainless steel construction for long service life in harsh environments.
- Conforms to EN 837-1/5.

Dimension Drawing



Dial Size	A	B	C	H	D	D1	E	F
6"	Ø149	58	39	120	Ø166	Ø180	45	47.5
10"	Ø245	70	42	180	Ø275	Ø295	45	50

LSS-TG



Code	Dial Size
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150	150 mm (6")
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Code	Connection Size
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1	1/2"
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Code	Connection Type
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N	NPT
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B	BSP
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T	BSPT
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-	Other options (please Specify)
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Code	Accuracy
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4	Class 0.4
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25	Class 0.25
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Code	Pressure Range
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Specify Range	0-1, 0-1.5, 0-2.5, 0-4, 0-6, 0-10, 0-15, 0-25, 0-40, 0-60, 0-100, 0-160, 0-250, 0-400, 0-600, 0-1000 bar
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Code	Options
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MS	Mirror scale
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AK	Adjustable knob on window
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RS	Restrictor
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-	No special option
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Specification

Component	Material / Design
Case & Ring	Stainless steel AISI 304 with polished finish
Window	Instrument glass (optional laminated safety glass)
Dial Plate	Aluminum, white background with black markings (optional mirror band)
Pointer	Knife-edge pointer (optional micrometer adjustable pointer)
Bourdon Tube	Stainless steel AISI 316L
Movement	Stainless steel AISI 304
Process Connection	Stainless steel AISI 316, 1/2" BSP (standard); NPT, BSPT, or others on request

Parameters

Parameter	Value
Nominal Size	160 mm (6"), 250 mm (10")
Design Standard	EN 837-1/5
Accuracy Class	0.25% or 0.6% of span
Scale Range	Pressure: 0 ... 0.6 bar up to 0 ... 600 bar Vacuum: -1 ... 0 bar Compound: -1 ... +24 bar Dual Scale: bar/psi standard (bar/kPa optional)
Protection Class	IP54
Operating Temp. (Ambient)	-40 °C to +60 °C
Operating Temp. (Medium)	up to +100 °C