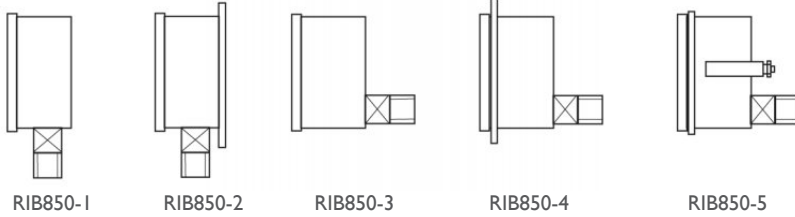


Test pressure gauges RIB850

They are used to calibrate and test industrial gauges or for precision measurements in the laboratory; they can be used for both liquid and gaseous fluids, except for those having a high viscosity or prone to crystallisation.

Each gauge is supplied with a calibration certificate issued by our lab, indicating the global error of the gauge and the references to the primary gauge use for the calibration.

Mounting



RIB850-1 Direct, bottom connection.

RIB850-2 Wall with 3 holes flange; bottom connection.

RIB850-3 Direct, back connection.

RIB850-4 Flush with 3 holes flange; back connection.

RIB850-5 Flush with U clamp, back connection.



Design features

DIAL SIZE (DS):	mm 100 – 150 – 200 – 250
ACCURACY:	Class 0,25. (Class 0,6 Ø 100 and ranges from 60 to 400 mbar) according to EN837-1.
CASE AND RING:	AISI 304 stainless steel with bayonet clutch; nitrile rubber NBR safety plug.
PRESSURE CONNECTION:	AISI 316; thread G1/2" A UNI ISO 228/1
ELASTIC ELEMENT:	<ul style="list-style-type: none"> • from 60 to 400 mbar: Phosphorous bronze bellow - only for gaseous fluids • from 0,6 to 1000 bar: CuBe seamless tube • from 0,6 to 1000 bar - Class 0,6: AISI 316L st. st. seamless tube
MOVEMENT:	high precision clockwork alloy, pinion and bolt of the sector mounted on bushes in semi precious stone.
POINTER:	adjustable in black anodized aluminium; knife execution.
WINDOW:	glass 3 mm thick.
WINDOW GASKET:	nitrile rubber NBR.
DIAL:	white aluminium; black scale and graduation with anti-parallax mirror ring.

Ranges

Range mbar	Nr of division	Scale Interval mbar	Range bar	Nr of division	Scale Interval bar	Range bar	Nr of division	Scale Interval bar
0 / 60*	300	0,2	-1 / 0	200	0,005	0 / 25	250	0,1
0 / 100*	200	0,5	0 / 0,6	300	0,002	0 / 40	200	0,2
0 / 160*	320	0,5	0 / 1	200	0,005	0 / 60	300	0,2
0 / 250*	250	1	0 / 1,6	320	0,005	0 / 100	200	0,5
0 / 400*	200	2	0 / 2,5	250	0,01	0 / 160	320	0,5
0 / 600	300	2	0 / 4	200	0,02	0 / 250	250	1
0 / 1000	200	5	0 / 6	300	0,02	0 / 400	200	2
			0 / 10	200	0,05	0 / 600	300	2
			0 / 16	320	0,05	0 / 1000	200	5

* Only DS 150

Equivalent units and ranges for pressure or vacuum

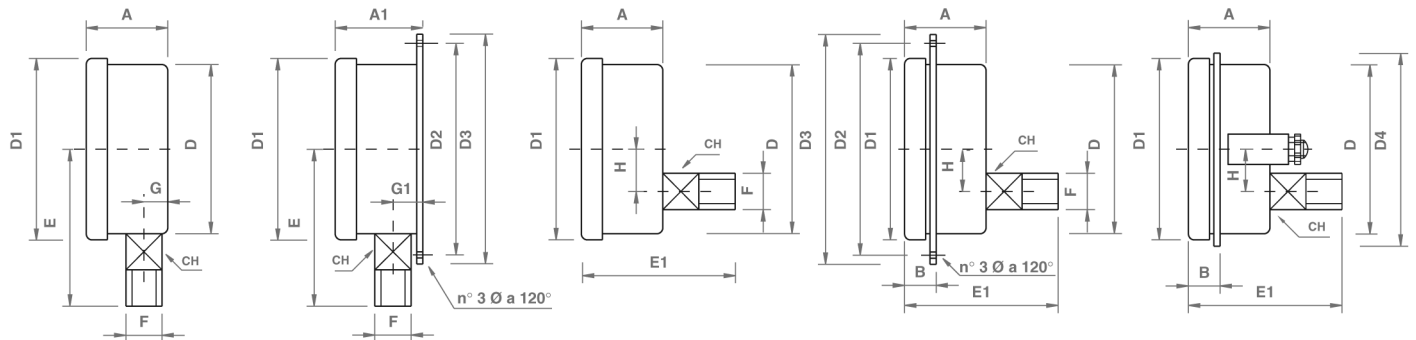
Technical characteristics

OPERATING PRESSURE:	Constant: full scale.	Changeable: 90% full scale.
OPERATING TEMPERATURE:	Ambient: 10 ÷ 30 °C	Process fluid: max 60 °C
OVERPRESSURE:	Up to 60 bar: 25% F.S.V.	From 100 bar: 15% F.S.V.
THERMAL DRIFT:	max ± 0.05% of span every 10 °C of deviation from the reference temperature of 20 °C.	
DEGREE OF PROTECTION:	IP55 according to EN 60529	

Option and accessories

- SPECIAL SCALES: Single - Double Quadruple: 0/20 psi – 0/1,4 bar - 0/100% lin. – 0/10 quadratic
- CLASS OF PRECISION 0,6
- LIQUID FILLING (CLASS OF PRECISION 0,6)
- FLANGE PRESSURE CONNECTION Ø 40 mm with clamping lugs (max 60 bar)
- CASE
- CALIBRATION CERTIFICATE ISSUED BY SIT (Calibration service in Italy)

Dimensions (mm) e Weights (Kg)



DIAL SIZE	D	D1	D2	D3	D4	Ø	A	A1	B	CH	E	E1	F	G	G1	H	Ø Panel drilling	Weight
100	101	114	116	132	115	5	54	58	25	22	86	89	1/2"	18	22	32	105	0,8
150 0/60 ÷ 0/400 mbar 0/0,6 ÷ 0/1000 bar	158	162	178	195	162	6	85	89	25	22	111	121	1/2"	12	17	50	162	1,5
	149	162	178	195	162	6	54	58	25	22	110	89	1/2"	18	22	50	153	1,2
200	189	208	216	230	208	6	55	63	25	22	135	95	1/2"	16	23	50	194	1,5
250	239	258	270	290	258	6	55	63	25	22	160	95	1/2"	16	23	50	245	1,8

How to order

When ordering specify:

Model, Mounting, Dial, Range, Pressure connection, Option and accessories

Example: RIB850-I DN100 0/10 bar G 1/2" Case