

# PRECISION TEST GAUGE ACCORDING TO DIN EN 837-1

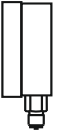
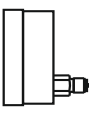


**Diameter 160**

**Connection position radial bottom  
or eccentric back**

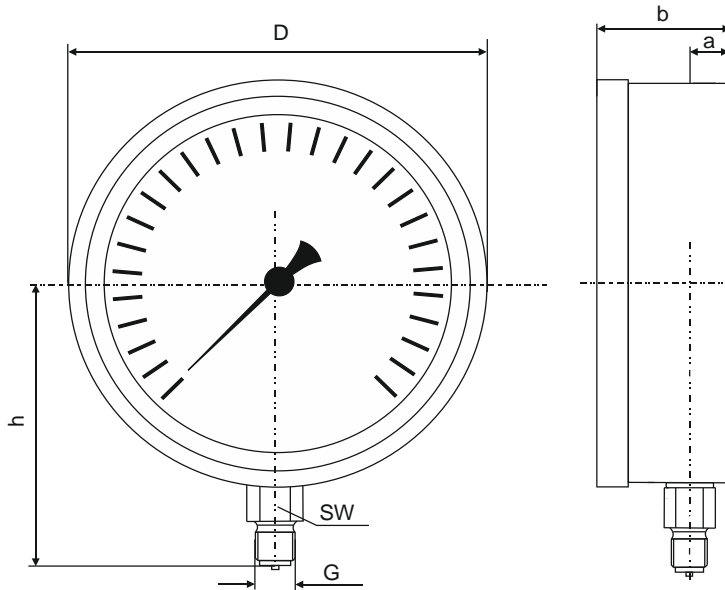
For the exact pressure measurement and pressure testing of tanks, pipes, valves in the laboratory and in quality assurance.



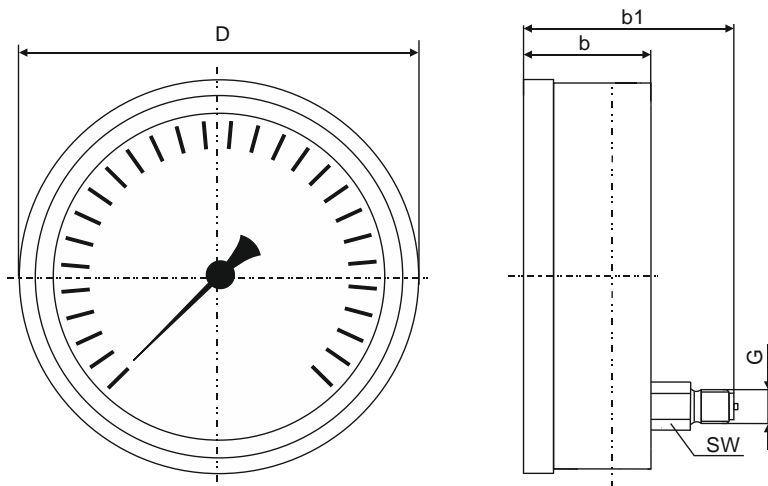
Type	8751	8771	Options
Diameter	160		
Symbol			
Accuracy class	0,6 according to DIN EN 837-1		cl. 0,25 or 0,1
Ranges	0...0,6 up to 0...1600 bar according to DIN EN 837-1 negative and/or positive overpressure		MPa, kPa
Application	Constant load: up to end of scale value Alternating load: up to 0,9-fold end of scale value Short time: 1,3-fold overload capacity		
Case	Stainless steel, 1.4301		rear flange
Ring	Bayonet, stainless steel 1.4301		front flange
Window	Flat instrument glass		Laminated safety glass
Dial	Al white, scale and printing black		mirror scale zero-point adjustment
Pointer	Knife edge pointer, Al black according to DIN 16102		max. indicator micro adjustment
Movement	CuZn-alloy		
Measuring element	Cu-alloy up to 100 bar, above 100 bar stainless steel		
Pressure connection	CuZn-alloy $\leq$ 1000 bar, >1000 bar stainless steel 1.4571		
Connection position	radial bottom	eccentric back	
Thread	G 1/2 B / M20x1,5		others on request
Temperatures	Medium: -20°C up to 60°C, ambient: -40°C up to 60°C		
Temperature drift	0,45%/10K deviation of normal temperature 20°C		
Orifice			Ø0,3, Ø0,4, Ø0,8
Protection	IP 54 according to EN 60529/IEC 529		
Calibration medium	up to 25 bar: air, above 25 bar: oil		above 2,5 bar: oil
Approx.weight	1,1 kg	1,2 kg	

Please tell the used medium when ordering, because with the change of the pressure transmitting medium gas (G) or liquid (F) display changes can be take place.

Type	Dimensions in mm							
	ND	a	b	b1	D	G	h	SW
8751	160	15	51	-	160	G 1/2 B	118	22
8771	160	-	51	86	160	G 1/2 B	118	22



Type 8751



Type 8771