- **Bourdon Tube Pressure Gauges :** The industry workhorse, known for their versatility and cost-effectiveness. Ideal for a wide range of general-purpose pressure measurement tasks.
- **Diaphragm Pressure Gauges :** Designed for low-pressure applications and corrosive media. The diaphragm provides a barrier, protecting the gauge mechanism.
- **Digital Pressure Gauges :** Offer enhanced accuracy, digital displays, and often include features like peak hold and data logging.

WEATHER PROOF PRESSURE GAUGES

(All SS Pressure Gauge, Bourdon Principal)



Technical Specifications

Standard Dial Size : 40 mm, 50 mm, 63 mm, 100 mm, 150 mm, 200 mm, 250 mm

Range	:	0 - 1, 0 - 1.6, 0 - 2.5, 0 - 4, 0 - 6, 0 - 10, 0 - 16, 0 - 25, 0 - 40, 0 - 60, 0 - 100, 0 - 160, 0 - 250, 0 - 400, 0 - 600 kg / cm2 & Vaccum Range 0 - 760 mm-Hg & Compound Ranges
Units	:	kg / cm2 / psi, kg / cm2, bar
Accuracy	:	+ 1% FSD as per IS 3624
Over Range	:	130% F.S.
Protection	:	IP 65 / IP 67
Mech. Shock 'G' Value	:	15 G, 6 msec
Storage Temperature	:	-20 D.C. to 60 D.C.
Case Material	:	SS 304, Weather Proof, Dust Proof
Dial	:	Aluminum, Black Graduation on White Background
Windows	:	Shutterproof Glass
System	:	SS 316 Bourdon with SS 316 Socket
Movement	:	SS 304
Zero Adjustment	:	Micrometer Pointer, Zero Adjustment Type
Blowoff Disc	:	Provided at Back of Case
Connection	:	3/8" BSP, 3/8" NPT, 1/2" BSP, 1/2" NPT, M20 x 1.5
Mounting	:	Direct Mounting Bottom Entry Surface Mounting Bottom Entry Flush Mounting Back Connection with Clamps Panel Mounting Back Entry
Option	:	Glycerine Filled, Silicon Filled
Accessories	:	Syphone Tube, Snuber, Ball Valve, Needle Valve





DIAPHRAGM PRESSURE GAUGES

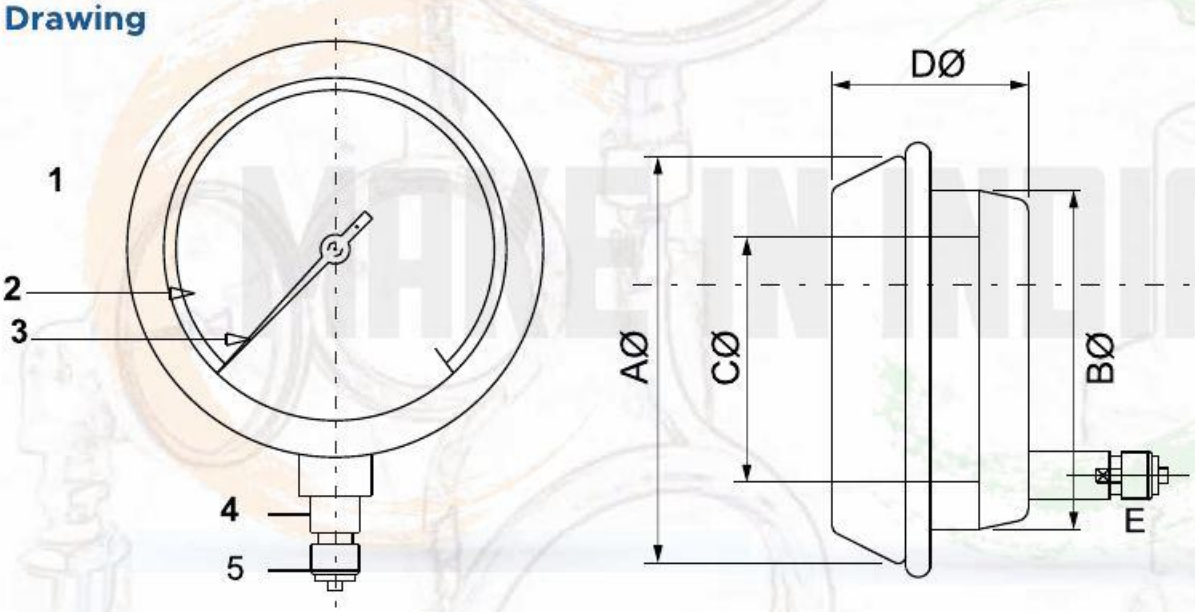


Technical Specifications

Standard Dial Size : 100 mm, 150 mm

Standard	:	EN 837-3 Diaphragm and capsule pressure gauges; DIN 16003 Pressure measuring instruments for differential pressure (Refer to IN 00.05 for selection, installation, handling, operation)
Further Versions	:	Oil- and grease-free; Oil- and grease-free for oxygen; For hydrogen; Silicone-free; With pre-volume deflagration flame arrester 1) for mounting to zone 0 (EPL Ga) (model 910.21; see data sheet AC 91.02)
Window	:	Laminated safety glass; Polycarbonate
Connection Location	:	Lower mount (radial); Side connection locations (right, left, front, back) on request
Case Design	:	Safety level "S1" per EN 837-1: With blow-out device; Safety level "S3" per EN 837-1: With solid baffle wall and blow-out back
Case Material	:	Stainless steel 1.4301 (304 SS); Stainless steel 1.4571 (316 Ti)
Case Filling	:	Without; Glycerine-water mixture; Silicone oil (Instruments with case filling have compensating valve to vent and reseal case)
Venting of Media Chambers	:	Span ≤ 0.25 bar [100 inH2O]: With venting; Span ≥ 0.4 bar [160 inH2O]: Without; With venting
Movement	:	Stainless steel

Drawing



CERTIFICATE OF COMPLIANCE

Issued to:

PIONEER INDUSTRIAL INSTRUMENTS
GAT NO. 107/B, PLOT NO. 5, SONAEE INDUSTRIAL ESTATE,
PIRANGUT, PUNE - 412115, MAHARASHTRA, INDIA.

Underwriters Laboratories

This certificate confirms that representative samples of:

Stainless Steel Pressure Gauge

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Additional Information:
See UL Product Dymer® at https://www.dymerindia.com/ for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product. 1

Certificate Number:
UL-US-L91270520252531-8

Issue Date:
28/06/2025

Report Reference:
DYMR20251648516515

UL Mark Certification Program Manager

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.
For questions, please contact UL Solutions Customer Service at https://www.mbasuk/contact-us

Business Reg. No. U74999MH2022PTC382267
ISO/IEC 17065 REG. NO. MBAS.INM.2018.0311

Certificate Certificaat प्रमाणपत्र certificado Zertifikat Certificate

SINCE 1979

Certificate Of Compliance

Conformity of the Bourdon tube pressure gauges

0022-CPR-DYMR 91220320253133/D SCHEDULE

In Compliance with Regulation EU of the European

This European Standard was approved by CEN on 1996-10-30. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard

this Certificate applies to the following Product.

Construction Product	: **Stainless Steel Pressure Gauge**
Intended Use	: **For various Types of Pressure gauge**
Approval Method	: **ZA.3.2 And ZA.3.4 acc. BS EN 837-1:1996**
Manufacturer	: **PIONEER INDUSTRIAL INSTRUMENTS**
Manufacturing Plants	: **GAT NO. 107/B, PLOT NO. 5, SONAEE INDUSTRIAL ESTATE, PIRANGUT, PUNE -412115, MAHARASHTRA, INDIA.**
Conformation Production facilities of the Manufacturer	: This Certificate Attests that all Provisions Concerning the Assessment and Verification of Constancy of performance described in Annex Z of The Harmonized Standard. **BS EN 837-1:1996** Bourdon tube pressure gauges - Dimensions, metrology, requirements and testing
Start of validity	: **24/06/2025**
Next Surveillance Audit	: **23/06/2026**
Period of validity	: This certificate will remain valid as long as the test methods and /or the factory production control requirements included in the harmonized standard used to assess the performance of the declared characteristics do not change, and the product and the manufacturing conditions th the plants are not modified significantly.
Place and date of issue	: Nashik 24/06/2025 Maharashtra/IN

MBAS.INPR.2016.0124

DIMS SERVICES PVT. LTD.

Head of Certification Body

DIMS SERVICES PRIVATE LIMITED
Head Office :4, Vyankatramana, Near Vitthal Mandir, Behind Akash Petrol Pump, Dindori Road, Nashik-422003, Maharashtra, India
DIMS Services Pvt. Ltd. Has Been Accredited by International Accreditation (EIAC Gov., MBAS uk)
(www.eiac.gov.ae, www.mbasuk.co) info@dymerindia.com +91 9518903685