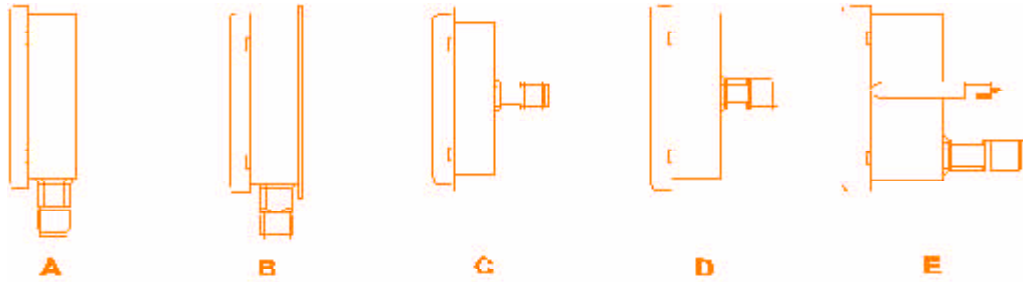


36.. Pressure gauge



Pressure gauge
To order:

- 1) Diameter and material
- 2) Connection size, material and position
- 3) Measuring range
- 4) Measuring element material

i.e. Case Ø 100 in SS 316/
1/2" BSP / 0-60 bar
wetted parts in SS 316



360
Standard pressure gauges
Ø Dimensions
1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8", 10"
Case
ABS, steel, light metal
Bezel
Chromed, nickeled, SS 304
Connection
Brass / SS 316L
Wetted parts
Brass, Bronze, SS 316L
Pressures
-14...+8700 PSI (-1...+600 bar)
Scales
Bar, kg/cm², mm/H₂O, PSI etc...
Connections
1/4", 3/8", 1/2", BSP, NPT, M...
Accuracy
1.6% & 2.5% FSD



362
Full stainless steel pressure gauges
Ø Dimensions
1-1/2", 3", 4", 5", 6"
Case
SS 304 waterproof
Filling
With glycerine - upon request
Connection
In SS 316
Wetted parts
In SS 316L
Pressures
-14...+14'000 PSI (-1...+1'000 bar)
Scales
Bar, kg/cm², mm/H₂O, PSI etc...
Connections
1/4", 3/8", 1/2", BSP, NPT, M...
Accuracy
1% F.S. (0.5% upon request)



361
Square gauges
Dimensions
72x72 / 96x96 / 144x144
Case
Steel black enameled
Pressure
-1...+600bar
Same technical datas as
Standard pressure gauges 360



36...GL
Glycerine filled manometers
Ø Dimensions
2-1/2", 3", 4", 5", 6"
Case
In SS 304
Bezel
In SS 304
Same technical datas as
Standard pressure gauges 360



362/HD
Anti vibration pressure gauge
HD - Heavy Duty
Stainless steel gauge
Case
High density silicon oil filled
Siphon
See group 374
- pointer flutter due to vibrations will be reduced
- pulsations will be minimised
- covement will be lubricated
- condensation and corrosion avoided



363
Capsule pressure gauges
Ø Dimensions
4", 5", 6"
Suitable for pressure of gases up to 50°C
Range
0.5 - 10 PSI (25 - 600 mbar)
Accuracy
1.6% F.S.D.
Technical datas
See stainless steel gauge
Except: phosphor bronze or stainless steel 316 capsules as measuring element.

36...1

Pressure gauge



364
Pressure gauge with electrical contact
Ø Dimensions
 4", 5", 6"
Technical datas:
 See Stainless steel gauges Capsules and bellows type gauges
Contact
 From 1 to 4 (2 min +2 max)
Power supply
 380 V.a.c or V.d.c max, 1A max.
Switch rating:
 Standard air contacts: 10 VA - air contact with magnetic block: 30 VA mercury switch: 50 VA



366 + 373
Diaphragm seal stainless steel pressure gauge with exposed diaphragm
Ø Dimensions
 4", 6"
 Technical datas as 366 but
Ranges:
 -1...60bar (-14...+570 PSI)
Measuring Flange:
 In AISI 316
Milk pipe connection:
 In AISI 316 - DN 32 - 40 - 50
Use:
 food processing industry



365
Safety pressure gauge - Solid front
Ø Dimensions
 4 1/2", 6"
Technical datas:
 See Stainless steel gauges
 Further a solid separating wall in stainless steel between the dial and the measuring element added to a blow out back will avoid any accident to people reading the instrument.
Use
 Process of compressed gas, oxygen, hydrogen, corrosive fluids, steam etc.



366 + 373
Example
 Diaphragm stainless steel pressure gauge with capillary
Ø Dimensions:
 150mm in AISI 304
 flush panel mounting with front flange - Type C with glycerine filling
Range:
 0 - 6 bar
 With capillary LC=2m in AISI 321
 With galv. steel armouring with diaphragm in AISI 316
 Code 373.337
Connection:
 1/2" BSP



366 + 373
Diaphragm seal stainless steel pressure gauge
Ø Dimensions
 3", 4", 5", 6"
Case:
 AISI 304
Electrical contacts:
 Up to 4 upon request
Top flange:
 AISI 304
Diaphragm:
 AISI 316 / teflon covered upon request
Lower part:
 AISI 316 / teflon covered upon request
Ranges:
 -1...250bar
Accuracy:
 1.6% FSD



364
Standard gauges for refrigeration
Ø Dimensions
 2-1/2", 4"
Case:
 AISI 304 - Form A and C
 Glycerine filled
Wetted parts:
 brass
Connection:
 1/4" SAE / 1/8" NPT
Ranges:
 -1...+12 / -1...+30 bar
 Every dial shows the bar range as well as the 3 scales R 12, R 22, R 502



366 + 373
Diaphragm seal stainless steel pressure gauge with exposed diaphragm
Ø Dimensions
 4", 6"
 Technical datas as 366 except
Temperature limits:
 -40 + 200°C (-40 + 400°F)
Ranges:
 -1...60bar (-14...+570 PSI)
Flange:
 In AISI 316
 ANSI B 16.5 - RF 150, 300, 600, 2'500
To order:
 Indicate flange sizes
Use:
 Chemical / Petrochemical plants



367.5
Standard gauges for refrigeration
Ø Dimensions
 2-1/2", 4"
Case:
 AISI 304 - Form A and C
 Glycerine filled up on request
Wetted parts and connection:
 AISI 316
Connection thread:
 1/2" or 1/4" BSP
Range:
 -1...+10 / -1...+25 bar
 Every dial shows the bar range as well as the 4 scales R 12, R 22, R 502, NH 3 or even the 4 together

36...2

Pressure gauge



368
High pressure safety pressure gauge
Ø Dimensions
 6", 8"
Case:
 Alu. black epoxy painted - or St. St. Form A & C
Liquid filled:
 Upon request with safety blow out back
 Measuring element in special CRMO steel
Connection thread:
 1/2" BSP
Ranges:
 0... +1000 / 0... +1600 bar / 0... +2500bar
Accuracy:
 1000 / 1600: 1.6% - 2500: 2% FSD



368.5
Precision test gauges
Ø Dimensions
 4", 6", 10"
Case:
 In Aluminium black enameled or St. St. Form A-B-C
Connection:
 1/2" BSP or NPT in brass or AISI 316
Ranges:
 -1...0...1000 bar
 With mirror band
Accuracy:
 0.25% FSD (at 20°C)



369
Differential pressure gauge
Ø Dimensions
 5", 6", 8"
Case:
 Full St. St. - Form B
Liquid filled:
 Upon request
Electrical Contact:
 Upon request
Wetted parts:
 AISI 316
Maximum static pressure:
 25 bar
Differential pressure:
 min 0 - 1 bar / 0 - 25 bar
 and min 0-16 mbar / max 0-600 mbar
Accuracy:
 2.5% F.S.D.

374

Pressure gauge accessories



Syphons
 Connection thread 1/2" BSP and nipple female 1/2" BSP
 374.001/002 up to ND 16 in copper
 374.003/004 up to ND 400 in AISI 316
 Further types upon request



374.011
 Shock reducer with adjustable restrictor spindle



Shut off cocks
 In brass for NP 16 Male and female threads 1/4", 3/8" or 1/2" BSP
 374.005 2 ways
 374.006 2 ways & test connection

374.012
 Porous metallic disk pressure damper both in AISI 316 - 1/2" BSP or NPT

374.013
 Nipple connection in brass 1/4", 3/8", 1/2" BSP or 1/2" NPT in AISI 316

374.014
 Connection piece in brass or St. St. of 1/4", 3/8", 1/2" with 1/2" BSP or NPT

Shut off cocks valves
 In steel or AISI 316 for NP 600 Male and female threads 1/2" BSP or NPT
 374.009 2 ways
 374.010 2 ways & test connection