

Process industry pressure gauge

Model : P330 series

Model : P335 series

Spec. sheet no. PD03-01

Service intended

P330 and P335 series are designed for petroleum and chemical processing industries.



Nominal diameter

150 mm

Accuracy

±0.5% of full scale (P335)

±1.0% of full scale (P330)

Scale range (MPa, kPa, bar)

-0.1 ~ 0 to 0 ~ 200 MPa

Working pressure

Steady : 75% of full scale

100% of full scale (P335)

Over range protection : 130% of full scale

Working temperature

Ambient : -40 ~ 65°C

Fluid : Max. 200°C

Temperature effect

Accuracy at temperature above and below the reference temperature (20°C) will be effected by approximately ±0.4% per 10°C of full scale



Standard features

Pressure connection

Stainless steel (316SS)

Movement

Stainless steel

Element

Stainless steel (316SS)

<10 MPa : C type bourdon tube

≥10 MPa : Helical type bourdon tube

Dial

White aluminium with black graduations

Case

Black painted aluminium alloy

Pointer

Black painted aluminium alloy

Cover

Black painted aluminium alloy

Zero adjustment

Internal

Window

Safety glass

Process connection

3/8", 1/2" PT, NPT and PF

WISE®

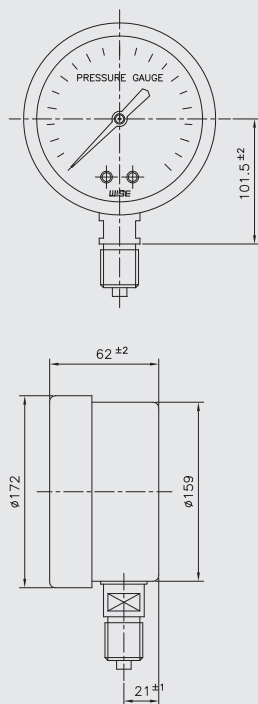
1. Base model**P330** Process industry pressure gauge**P335** Process industry pressure gauge (Test pressure gauge)**2. Nominal diameter (mm)****6** 150**3. Type of mounting****A** Bottom connection, direct**B** Bottom connection, surface, case mounting plate**G** Lower back connection, direct**M** Lower back connection, flush, case center mounting bracket**4. Accuracy****2** ±0.5% of full scale (P335)**3** ±1.0% of full scale (P330)**5. Process connection****D** $\frac{3}{8}$ "**E** $\frac{1}{2}$ "**6. Connection type****B** PF**C** PT**D** NPT**7. Unit****H** bar**I** MPa**J** kPa**8. Range****XXX** Refer to pressure unit and range table**9. Pressure connection material and dial color****2** 316SS and 2 colors**4** 316L SS and 2 colors**7** 316SS and 3 colors**8** 316L SS and 3 colors**10. Option****0** None**1** Accessories**2** Orifice**3** Accessories and orifice

| | | | | | | | | | |
|------|---|---|---|---|---|---|-----|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| P330 | 6 | A | 3 | E | D | H | XXX | 4 | 0 |

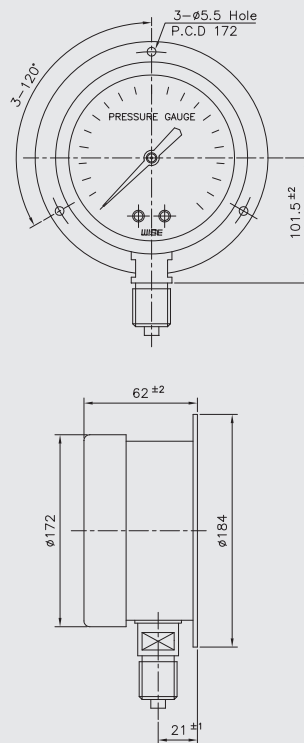
Sample
ordering code

P33X : Type of mounting

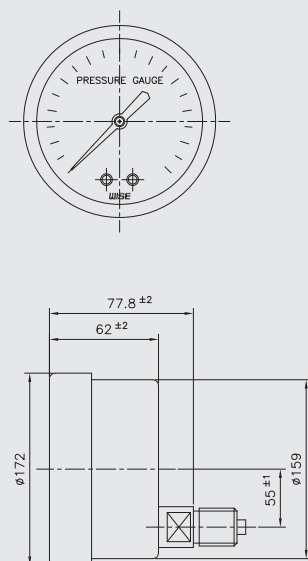
Code A



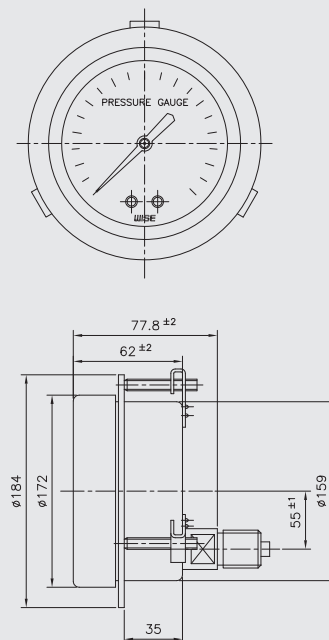
Code B



Code G



Code M



Pressure unit and range table

| Range and code | Unit and code | | | Nominal diameter | |
|----------------|---------------|------------|---------------|------------------|------|
| | H : bar | I : MPa | J : kPa | P330 | P335 |
| 026 | -1 ~ 0 | -0.1 ~ 0 | -100 ~ 0 | O | O |
| 041 | 0 ~ 1 | 0 ~ 0.1 | 0 ~ 100 | O | O |
| 133 | 0 ~ 1.6 | 0 ~ 0.16 | 0 ~ 160 | O | O |
| 042 | 0 ~ 2 | 0 ~ 0.2 | 0 ~ 200 | O | O |
| 134 | 0 ~ 2.5 | 0 ~ 0.25 | 0 ~ 250 | O | O |
| 043 | 0 ~ 3 | 0 ~ 0.3 | 0 ~ 300 | O | O |
| 044 | 0 ~ 4 | 0 ~ 0.4 | 0 ~ 400 | O | O |
| 045 | 0 ~ 6 | 0 ~ 0.6 | 0 ~ 600 | O | O |
| 047 | 0 ~ 10 | 0 ~ 1 | 0 ~ 1,000 | O | O |
| 050 | 0 ~ 15 | 0 ~ 1.5 | X | O | O |
| 143 | 0 ~ 16 | 0 ~ 1.6 | X | O | O |
| 051 | 0 ~ 20 | 0 ~ 2 | X | O | O |
| 052 | 0 ~ 25 | 0 ~ 2.5 | X | O | O |
| 054 | 0 ~ 35 | 0 ~ 3.5 | X | O | O |
| 151 | 0 ~ 40 | 0 ~ 4 | X | O | O |
| 055 | 0 ~ 50 | 0 ~ 5 | X | O | O |
| 056 | 0 ~ 60 | 0 ~ 6 | X | O | O |
| 057 | 0 ~ 70 | 0 ~ 7 | X | O | O |
| 058 | 0 ~ 100 | 0 ~ 10 | X | O | O |
| 059 | 0 ~ 150 | 0 ~ 15 | X | O | O |
| 060 | 0 ~ 160 | 0 ~ 16 | X | O | O |
| 062 | 0 ~ 250 | 0 ~ 25 | X | O | O |
| 064 | 0 ~ 350 | 0 ~ 35 | X | O | O |
| 065 | 0 ~ 400 | 0 ~ 40 | X | O | O |
| 066 | 0 ~ 500 | 0 ~ 50 | X | O | O |
| 067 | 0 ~ 600 | 0 ~ 60 | X | O | O |
| 068 | 0 ~ 700 | 0 ~ 70 | X | O | O |
| 070 | 0 ~ 1,000 | 0 ~ 100 | X | O | O |
| 074 | 0 ~ 1,600 | 0 ~ 160 | X | O | O |
| 075 | 0 ~ 2,000 | 0 ~ 200 | X | O | O |
| 027 | -1 ~ 1 | -0.1 ~ 0.1 | -100 ~ 100 | O | O |
| 028 | -1 ~ 2 | -0.1 ~ 0.2 | -100 ~ 200 | O | O |
| 029 | -1 ~ 3 | -0.1 ~ 0.3 | -100 ~ 300 | O | O |
| 030 | -1 ~ 4 | -0.1 ~ 0.4 | -100 ~ 400 | O | O |
| 010 | -1 ~ 5 | -0.1 ~ 0.5 | -100 ~ 500 | O | O |
| 031 | -1 ~ 6 | -0.1 ~ 0.6 | -100 ~ 600 | O | O |
| 014 | -1 ~ 9 | -0.1 ~ 0.9 | -100 ~ 900 | O | O |
| 032 | -1 ~ 10 | -0.1 ~ 1 | -100 ~ 1,000 | O | O |
| 033 | -1 ~ 15 | -0.1 ~ 1.5 | -100 ~ 1.5MPa | O | O |
| 034 | -1 ~ 20 | -0.1 ~ 2 | -100 ~ 2MPa | O | O |
| 035 | -1 ~ 25 | -0.1 ~ 2.5 | -100 ~ 2.5MPa | O | O |

O : Available X : Not available