

INDUSTRIAL SERVICE PRESSURE GAUGE MODEL : P222 SERIES

WISE®

SERVICE INTENDED

The P222 Series are suitable for corrosive environment and chemical, petro-chemical, refining, power, marine & foods. Its stainless steel case and cover have good appearance and excellent proof to corrosion & chemical attack.

NOMINAL DIAMETER

4+1/2 inch

ACCURACY

±1.0% of Full Scale

SCALE RANGE (kgf/cm², bar, kPa, MPa)

-76cmHg~0 to 0~2000kgf/cm²

WORKING PRESSURE

Steady : 75% Full Scale

Over Range Protection : 130% of Full Scale

WORKING TEMPERATURE

Ambient : -20 ~ 65°C

Fluid : +200°C maximum (without liquid filling)

-20 ~ 80°C (with liquid filling)

DEGREE OF PROTECTION

IP65



Standard Features

PRESSURE CONNECTION

Stainless Steel (316SS)

Threaded entry, radial or back.

ELEMENT 316SS

< 100kgf/cm² : C Type Bourdon Tube

≥ 100kgf/cm² : Helical Type Bourdon Tube

CASE & BEZEL RING

Stainless Steel (304SS)

Bayonet Type

BLOWOUT PROTECTION

Back, Rubber Disc

WINDOW

Safety glass

MOVEMENT

Stainless Steel

DIAL

White Aluminium with Black Graduations

POINTER

Aluminium alloy, Black painted

Zero adjustable pointer

PROCESS CONNECTION

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

ORDERING INFORMATION

BASE MODEL
P222 : INDUSTRIAL SERVICE PRESSURE GAUGE

NOMINAL DIAMETER

5 : 4+1/2 inch

MOUNTING TYPE(Refer to Mounting Type & Dimension)

A : Bottom Connection, Direct

ACCURACY

3 : ±1.0% of Full Scale

CONNECTION

D : 3/8"
E : 1/2"

CONNECTION TYPE

B : PF
C : PT
D : NPT
F : BSPT
G : BSP
Z : Other

UNIT

Refer to Pressure Unit & Range Table

RANGE

Refer to Pressure Unit & Range Table

DIAL COLOR

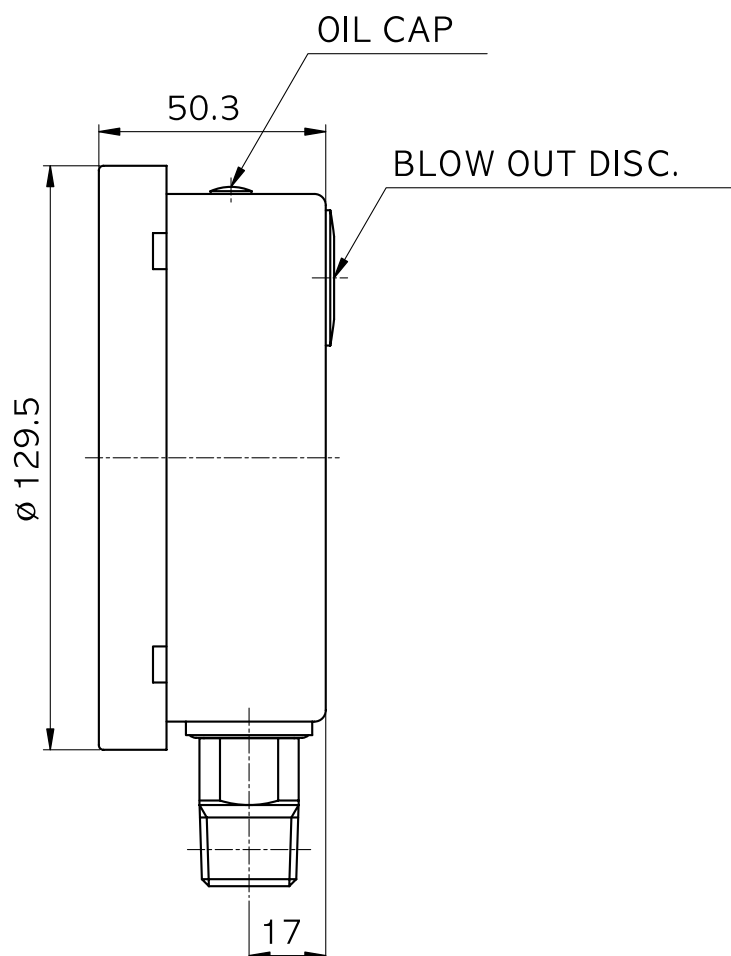
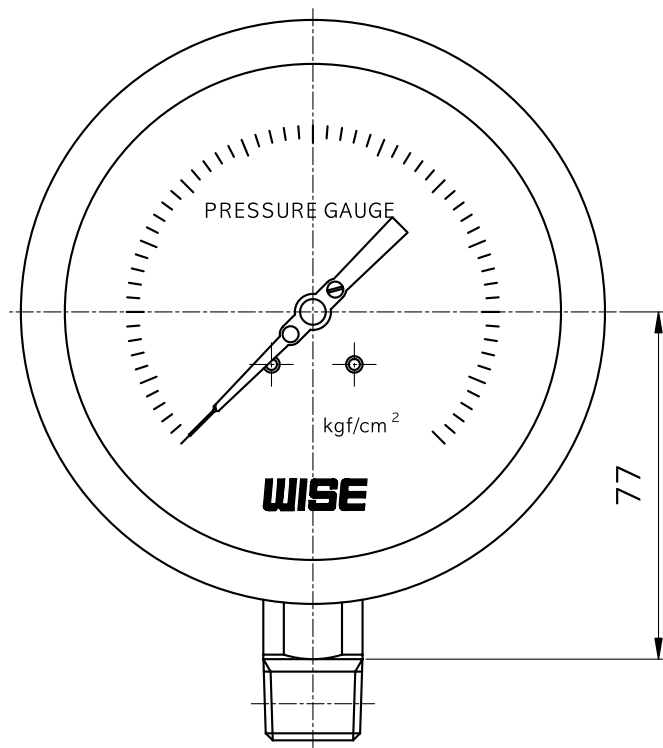
3 : 2 Colors
7 : 3 Colors

OPTIONS

O : None
1 : Accessories
2 : Liquid Filling

P222	5	A	3	E	D	B	047	3	0	SAMPLE MODEL NUMBER
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P222: TYPE OF MOUNTING



PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE					4 1/2 inch
	C : cmHg	B : kgf/cm ²	H : bar	J : kPa	I : MPa	
026	-76~0	X	-1~0	-100~0	X	○
040	X	0~0.5	0~0.5	X	X	○
041	X	0~1	0~1	0~100	X	○
042	X	0~2	0~2	0~200	X	○
043	X	0~3	0~3	0~300	X	○
044	X	0~4	0~4	0~400	X	○
045	X	0~6	0~6	0~600	X	○
047	X	0~10	0~10	0~1000	X	○
050	X	0~15	0~15	X	0~1.5	○
051	X	0~20	0~20	X	0~2	○
052	X	0~25	0~25	X	0~2.5	○
054	X	0~35	0~35	X	0~3.5	○
055	X	0~50	0~50	X	0~5	○
057	X	0~70	0~70	X	0~7	○
058	X	0~100	0~100	X	0~10	○
059	X	0~150	0~150	X	0~15	○
062	X	0~250	0~250	X	0~25	○
064	X	0~350	0~350	X	0~35	○
066	X	0~500	0~500	X	0~50	○
068	X	0~700	0~700	X	0~70	○
070	X	0~1000	0~1000	X	0~100	○
075	X	0~2000	0~2000	X	0~200	○
027	X	-76~1	-1~1	-100~100	X	○
028	X	-76~2	-1~2	-100~200	X	○
029	X	-76~3	-1~3	-100~300	X	○
030	X	-76~4	-1~4	-100~400	X	○
031	X	-76~6	-1~6	-100~600	X	○
032	X	-76~10	-1~10	-100~1000	X	○
033	X	-76~15	-1~15	X	-100~1.5	○
034	X	-76~20	-1~20	X	-100~2	○

○ : AVAILABLE × : NOT AVAILABLE