

HEAVY DUTY SERVICE PRESSURE GAUGE MODEL : P163 SERIES

WISE[®]

SERVICE INTENDED

The P163 Series are designed to withstand the Shock, Vibration and Pulsation inherent in heavy duty service.

NOMINAL DIAMETER

80mm

ACCURACY

±1.5% of Full Scale

SCALE RANGE (kgf/cm², bar, kPa, MPa)

-76cmHg ~ 0 to 0 ~ 250kgf/cm²

WORKING TEMPERATURE

Ambient : -20 ~ 65°C

Fluid : -5 ~ 40°C



Standard Features

PRESSURE CONNECTION

Brass

ELEMENT

Brass

CASE & COVER

Black Finished Bronze

WINDOW

Safety Glass

MOVEMENT

304SS

Dampers Vibration and Pulsation

DIAL

White Aluminium with
Black Graduations

POINTER

Aluminium alloy, Black painted

PROCESS CONNECTION

3/8" PT, NPT & PF

ORDERING INFORMATION

BASE MODEL
P163 : HEAVY DUTY SERVICE PRESSURE GAUGE

NOMINAL DIAMETER
3 : 80mm

MOUNTING TYPE (Refer to Mounting type & Dimension)
J : Center Back Connection, Flush, Cover Mounting Plate

ACCURACY
4 : ±1.5% of Full Scale.

PROCESS CONNECTION
B : 1/8"
C : 1/4"
D : 3/8"
Z : M12×1.5

CONNECTION TYPE
B : PF
C : PT
D : NPT
Z : Other

UNIT
Refer to Pressure Unit & Range Table

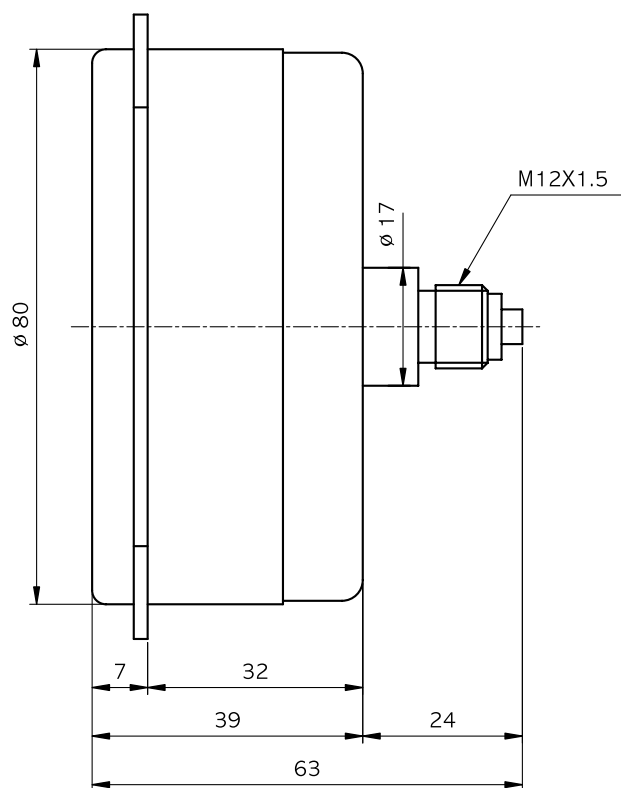
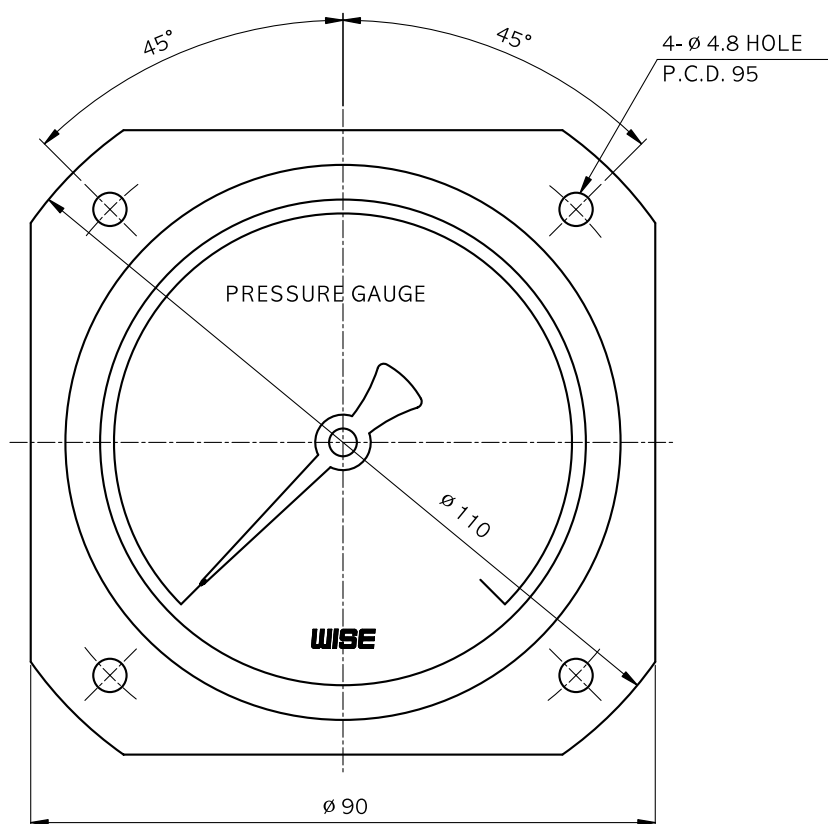
RANGE
Refer to Pressure Unit & Range Table

DIAL COLOR
1 : 2 Colors
5 : 3 Colors, Available with
Compound & Vacuum Gauges

OPTIONS
0 : None
1 : Accessories

P163	3	J	4	Z	Z	B	041	1	0	SAMPLE MODEL NUMBER
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P163 : TYPE OF MOUNTING



PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE					80mm
	C : cmHg	B : kgf/cm²	H : bar	J : kPa	I : MPa	
026	-76~0	X	-1~0	-100~0	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	○
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