

General Service Low Pressure Gauges(401P Series)

Applications

- Low pressure measuring
- Furnace or air and gas pressure in tank

Working Pressure

Steady : 3/4 of full scale value(recommendation : 25% to 75% of full scale)

Fluctuating : 2/3 of full scale value(recommendation : lower 50% of full scale)

Short time : full scale value

Operating Temperature

Ambient : -20 ~ 65°C

Media(Fluid) : -20 ~ 80°C



Standard Specification Overview

Dial Size

75mm(3"), 100mm(4")

Reference Accuracy

75mm(3"), 100mm(4") : $\pm 1.5\%$ of Full Scale

Scale Ranges *

75mm(3"), 100mm(4") : -30 ~ 0 kPa to 0 ~ 50 kPa Vacuum & Compound

* For more information, see the ordering information table.

Pressure Connection

75mm(3"), 100mm(4") : PT("R" in ISO) 3/8"

Material

Case : Chrome Coated Steel

Ring(Cover) : Chrome Coated Steel

Window : Glass

Pointer : Aluminum Alloy, Black Painted

Connection : Brass

Element : Brass

Movement : Brass

Dial Plate : White Aluminum with Black Graduations

Degree of Protection

IP 54

Optional Extra

Code T1 : Calibration Report(Test Report) by Manufacturer

Code T2 : Test Report by KOLAS(ILAC-MRA)

Code C1 : Cleaning Service(USE NO OIL)

Code R1 : Throttling Screw(Restriction Orifice)

Special Notes

1. This series has been approved by **KS B 5305**(Korean Standard).

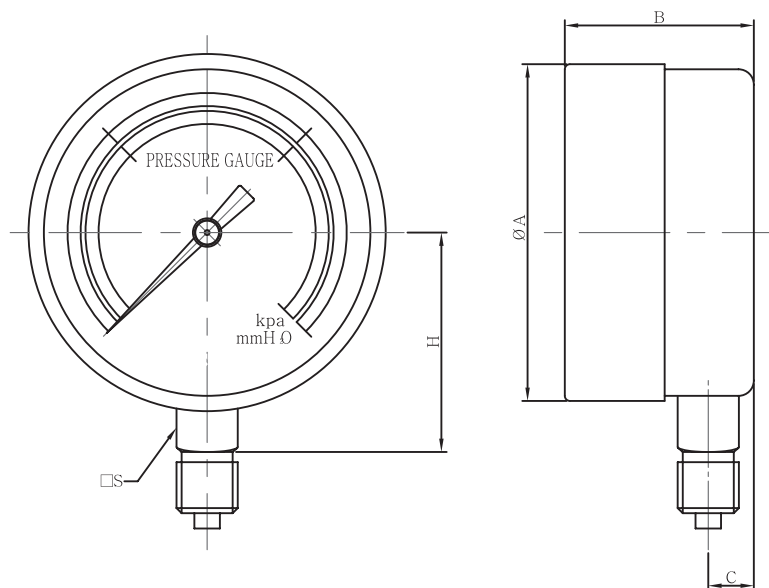
Ordering Information for 401P Series

Model	Description	Case & Ring	Wetted Parts
401P	General Service Low Pressure Gauges	Chrome Coated Steel	Brass
Code	Dial Size	Accuracy	
30	75mm(3")	± 1.5% of F.S.	
40	100mm(4")	± 1.5% of F.S.	
Code	Mounting Type		30
A	Bottom Connection without Mounting Flange		■
Code	Process Connection Style		30
2	PT("R" in ISO Standard)		■
3	PF("G" in ISO Standard)		★
X ⁽¹⁾	Others		☎
Code	Process Connection Size		30
D	3/8"		■
Code	Pressure Range		30
035	-30 kPa ~ 0		■
037	-20 kPa ~ 0		■
038	-15 kPa ~ 0		■
039	-10 kPa ~ 0		■
041	-500 Pa ~ 0		■
051	-25 ~ 25 kPa		■
052	-20 ~ 20 kPa		■
053	-15 ~ 15 kPa		■
054	-10 ~ 10 kPa		■
056	-500 ~ 500 Pa		■
058	-300 ~ 300 Pa		■
059	-250 ~ 250 Pa		■
090	0 ~ 5 kPa		■
092	0 ~ 10 kPa		■
093	0 ~ 15 kPa		■
094	0 ~ 20 kPa		■
095	0 ~ 25 kPa		■
096	0 ~ 30 kPa		■
097	0 ~ 35 kPa		■
098	0 ~ 40 kPa		■
099	0 ~ 50 kPa		■
* kPa(SI Unit) is the standard dial scale but others are available upon request.			

Code	Applicable Accessory Options		
J0	Not Apply		
J1	Adapter		
J2	Gauge Unions		
J3	Syphon Tubes		
J8	Instrument Valves		
Code	Options	30	40
Test Reports			
T1	Test Report by Manufacturer	★	★
T2	Test Report by KOLAS(ILAC-MRA)	★	★
Other Option			
C1	Cleaning Service(USE NO OIL)	★	★
R1	Throttling Screw(Restriction Orifice)	★	★
Sample Model Selection : 401P30A2D093J0			
Note 1. Other connection styles are available on request.			
Note 2. On selecting of accessory option, excluding J0, go to Accessory Model(PA XXX) for the detail selection.			
■ = Standard Products ★ = Available NA = Not Available			
* The standard specification and price are subject to change without prior notice.			

■ General Service Low Pressure Gauges(401P Series)

TYPE-A



Code	Dial Size	(Available Type)	A	B	C	S	H
30	ø75	A	78	46	12	17	47
40	ø100	A	100	64	15	19	65