

## SANITARY PRESSURE GAUGE MODEL : P750 SERIES



### SERVICE INTENDED

The P750 Series have diaphragm seal to be combined with pressure gauges. These series are suitable for corrosive, contaminated, hot or viscous pressure media in chemical, bio-pharmaceutical and dairy farm process industry.

### NOMINAL DIAMETER

63, 80 and 100mm

### ACCURACY

63 and 80mm : ±1.6 PER DIN 16 005  
100mm : ±1.0 PER DIN 16 005

### PRESSURE RANGE (bar, kPa, MPa)

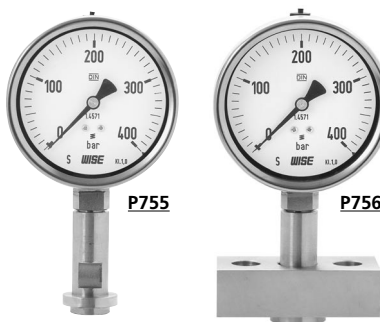
Refer to Pressure Unit and Range Table  
Depending on diaphragm size and process conditions

### WORKING PRESSURE

Steady : 75% Full Scale  
Over Range Protection : 130% of Full Scale

### WORKING TEMPERATURE

Maximum Temperature rate of diaphragm seal depends on the filled liquid, material of wetted parts.  
Standard filled liquid is available for temperature range from -20°C to 150°C



## Standard Features

### BODY

Stainless Steel (316SS)

### DIAPHRAGM

Stainless Steel (316LSS)  
Electropolished Diaphragm  
12 ~ 20 RA

### SYSTEM FILLING

USP grade glycerine (99.5% Pure)  
Option : Food grade silicone

### PRESSURE CONNECTION

316SS  
P751 : 1 1/2" and 2", Nut  
P752 : 1", 1 1/2", 2", Clamp connection  
P753 : PF 3/4" and PF 1 1/2", Male screw (3/4" only 50°)  
P754 : Standard and Non Standard Flange  
P755 : Homogenizer  
P756 : Homogenizer Flange (95×43×28)

## ORDERING INFORMATION

(See Note 1)

### BASE MODEL

**P751 : NUT TYPE SANITARY PRESSURE GAUGE**

**P752 : CLAMP(IDF FLANGE) TYPE SANITARY PRESSURE GAUGE**

**P753 : MALE SCREW TYPE SANITARY PRESSURE GAUGE**

**P754 : COOLING FIN TYPE SANITARY PRESSURE GAUGE**

**P755 : HOMOGENIZER TYPE SANITARY PRESSURE GAUGE**

**P756 : HOMOGENIZER FLANGE TYPE SANITARY PRESSURE GAUGE**

### GAUGE MODEL & MOUNTING TYPE

7A : 63mm, Bottom Connection

7U : 80mm, Bottom Connection

8A : 100mm, Bottom Connection

7N : 63mm, Lower Back Connection, P751 & P752 Only

7W : 80mm, Lower Back Connection, P751 & P752 Only

8N : 100mm, Lower Back Connection, P751 & P752 Only

7P : 63mm, Bottom Connection, Liquid Filling

8U : 80mm, Bottom Connection, Liquid Filling

8P : 100mm, Bottom Connection, Liquid Filling

7S : 63mm, Lower Back Connection, P751 & P752 Only, Liquid Filling

8W : 80mm, Lower Back Connection, P751 & P752 Only, Liquid Filling

8S : 100mm, Lower Back Connection, P751 & P752 Only, Liquid Filling

### BODY & PROCESS CONNECTION MATERIAL

D : 316SS

### PROCESS CONNECTION

FB : 3/4PF, P753 Only

JB : 1 1/2PF, P753 Only

JN : 1 1/2", P751 & P752 Only

KN : 2", P751 & P752 Only

PU : Homogenizer, P755 Only

PS : Homogenizer Flange (95×43×28), P756 Only

PN : Non standard & Standard Flange, P754 Only(See Note2)

ZZ : Other

### UNIT

I : MPa

J : kPa

H : bar

### RANGE

Refer to Pressure Unit & Range Table

### DIAPHRAGM MATERIAL

E : 316LSS

### OPTIONS

0 : None

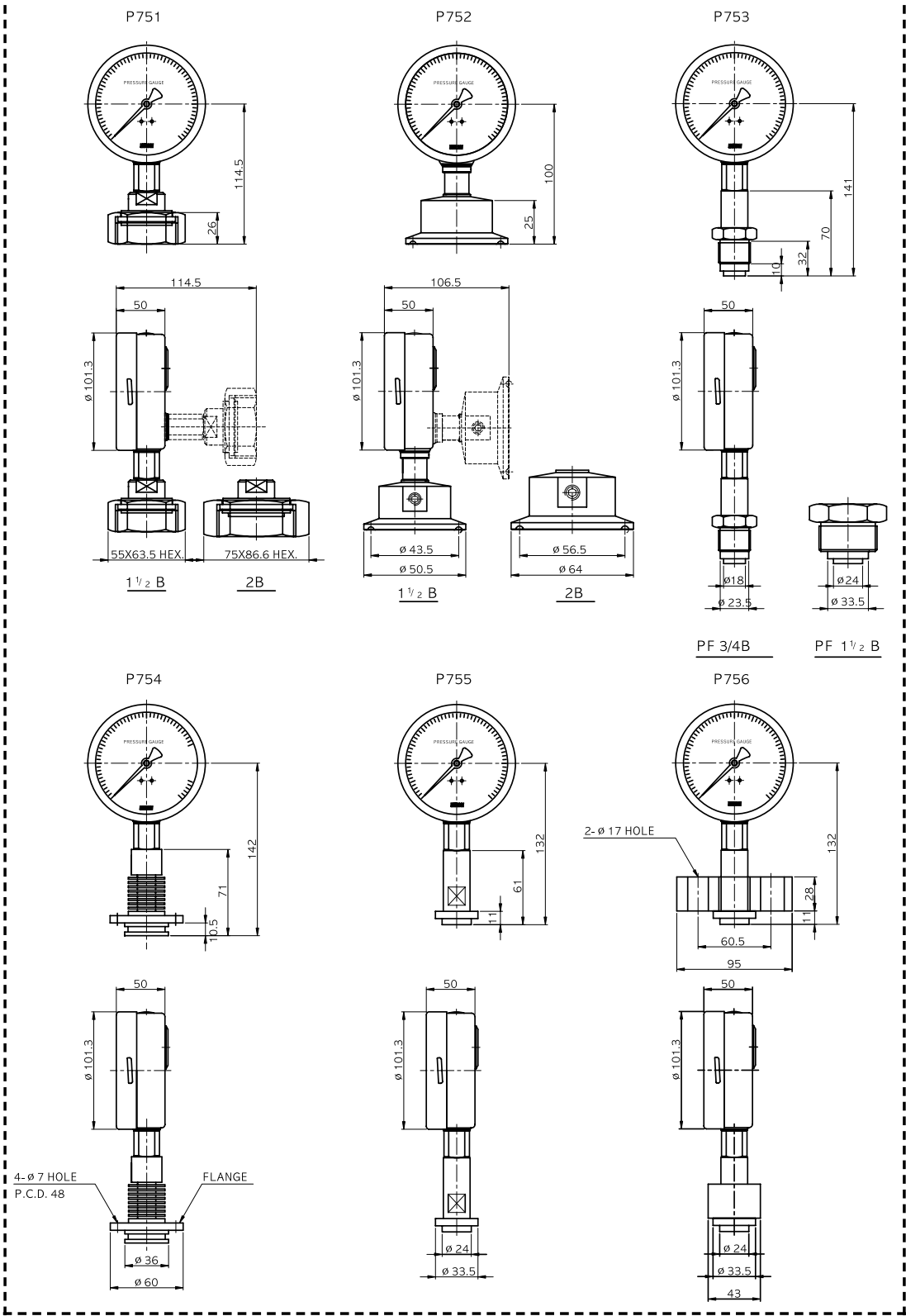
1 : Accessories

P752	8A	D	JN	I	045	E	0	SAMPLE MODEL NUMBER
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#### Note

1. Max Temperature and Pressure of process medium must be specified on Order Sheet.
2. Flange size will be specified on Order Sheet.

**P750 : TYPE OF MOUNTING**



## PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE			P751		P752		P753		P754	P755	P756
	H : bar	J : kPa	I : MPa	1 1/2"	2"	1 1/2"	2"	PF 3/4"	PF 1 1/2"			
041	0~1	0~100	0~0,1	×	○	×	○	×	×	×	×	×
133	0~1,6	0~160	0~0,16	×	○	×	○	×	×	×	×	×
042	0~2	0~200	0~0,2	×	○	×	○	×	×	○	×	×
134	0~2,5	0~250	0~0,25	×	○	×	○	×	×	×	×	×
043	0~3	0~300	0~0,3	×	○	×	○	×	×	○	×	×
044	0~4	0~400	0~0,4	○	○	○	○	×	○	○	×	×
045	0~6	0~600	0~0,6	○	○	○	○	×	○	○	×	×
047	0~10	0~1000	0~1	○	○	○	○	×	○	○	×	×
050	0~15	X	0~1,5	○	○	○	○	×	○	○	×	×
051	0~20	X	0~2	○	○	○	○	×	○	○	×	×
052	0~25	X	0~2,5	○	○	○	○	×	○	○	×	×
054	0~35	X	0~3,5	○	○	○	○	×	○	○	×	×
055	0~50	X	0~5	○	○	○	○	×	○	○	○	○
057	0~70	X	0~7	×	×	×	×	×	○	○	○	○
058	0~100	X	0~10	×	×	×	×	○	○	○	○	○
059	0~150	X	0~15	×	×	×	×	○	○	×	○	○
062	0~250	X	0~25	×	×	×	×	○	○	×	○	○
064	0~350	X	0~35	×	×	×	×	○	○	×	○	○
065	0~400	X	0~40	×	×	×	×	○	○	×	○	○
066	0~500	X	0~50	×	×	×	×	○	○	×	○	○

○ : AVAILABLE × : NOT AVAILABLE