HIGH TEMPERATURE PRESSURE GAUGE
MODEL : P740 SERIES

WISE®

SERVICE INTENDED
P740 Series have diaphragm seal to be combined with pressure gauge and measure the melted plastics, fiber and synthetic under high temperature. P740 series are suitable for corrosive, contaminated, hot or viscous pressure media in chemical and food process.

PRESSURE RANGE (MPa, kPa, bar)
Refer to Range Table
Depending on diaphragm size and process conditions

ACCURACY
±1.0% of Full Scale

FILLING LIQUID
Silicon Oil

WORKING TEMPERATURE
Maximum Temperature rate of diaphragm seal
depends on the filled liquid and material of wetted parts.
Standard filled liquid are available for temperature range from -20˚C to 330˚C

Standard Features

BODY
Stainless Steel (316SS)

DIAPHRAGM
Stainless Steel (316LSS)

PRESSURE CONNECTION
PF 3/4 and PF1 Male screw

POCKET
80, 150 and 300mm

ORDERING INFORMATION (See Note 1)

BASE MODEL

P741 : HIGH TEMPERATURE PRESSURE GAUGE
P742 : HIGH TEMPERATURE PRESSURE GAUGE WITH REMOTE SEAL

GAUGE MODEL & MOUNTING TYPE

8A : 100mm (P252 Model), Bottom Connection
8B : 100mm (P252 Model), Bottom Conection, Surface, Case Mounting Plate(P742)

BODY & PROCESS CONNECTION MATERIAL, POCKET LENGTH

A : 316SS & 80mm
B : 316SS & 150mm
C : 316SS & 300mm

PROCESS CONNECTION

FB : 3/4PF
GB : 1PF
ZZ : Other

UNIT

I : MPa
H : bar

RANGE

Refer to Pressure Unit & Range Table

DIAPHRAGM MATERIAL

E : 316LSS

OPTIONS

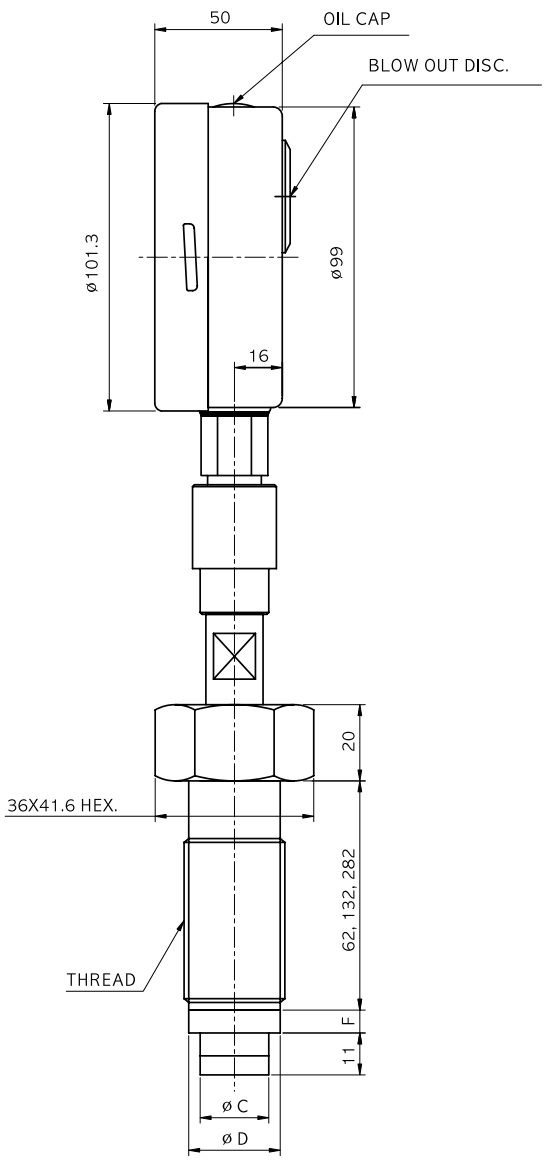
0 : None
1 : Accessories
7 : Capillary Length 2 metre, Only available with P742 Model
8 : Capillary Length 3 metre, Only available with P742 Model
9 : Other

P741	8A	B	GB	I	064	E	0	SAMPLE MODEL NUMBER

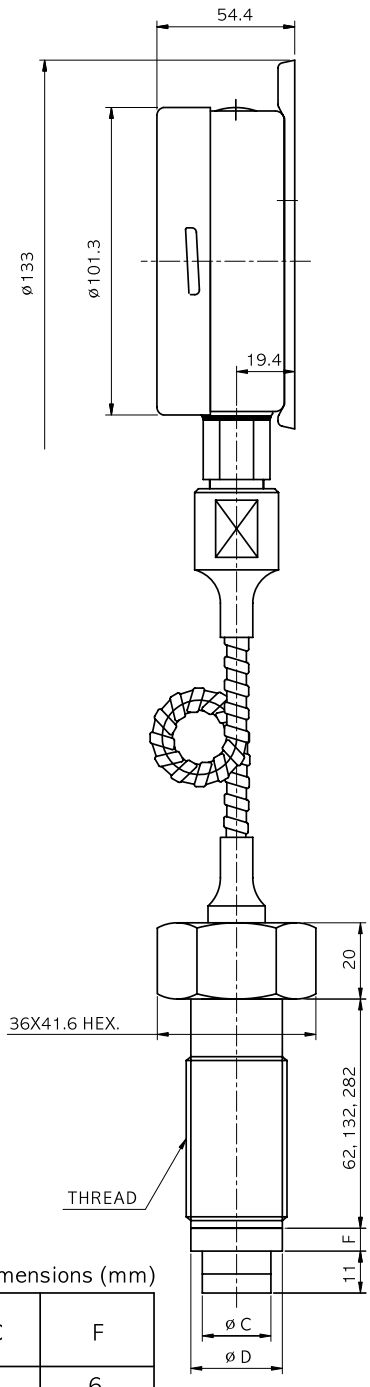
Note
1. Max Temperature and Process of pressure medium must be specified on Order Sheet.

P740 : TYPE OF MOUNTING

P741



P742



Dimensions (mm)

THREAD SIZE	AVAILABLE CODE	ø D	ø C	F
PF 3/4"	P741	24	18	6
	P742	24	18	6
PF 1"	P741	30.2	23.6	8
	P742	30.2	23.6	8

PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE		
	H : bar	J : kPa	I : MPa
058	0~100	X	0~10
059	0~150	X	0~15
060	0~160	X	0~16
062	0~250	X	0~25
064	0~350	X	0~35
065	0~400	X	0~40
066	0~500	X	0~50