

PRECISION INSTRUMENT COMPANY

MODEL '313DP', ANTI-VIBRATION GAUGES

Our '313DP' Series Gauge Line Is Designed for applications where vibration is a problem but liquid filling the gauge is not desired. The Movement Helps Dampen The Effects of Pulsation And Vibration.

This Gauge Has Been Specifically Designed With Higher-end Process Applications In Mind and are Used On any process Systems as well as any Commercial or Industrial Application where Pointer 'SHAKE' Makes Gauge Readings Difficult. The gauges stocked dry, and, although liquid filling isn't typically necessary, these gauges are also fillable

SPECIFICATIONS:

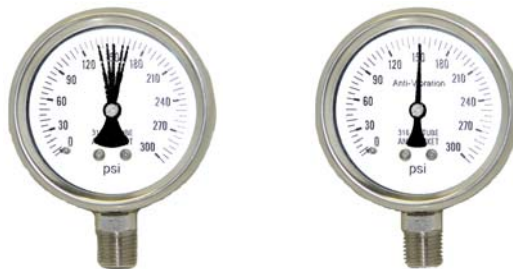
- Dial Size: 2 1/2"
- Connection Size: 1/4" MNPT
- Stainless Steel Case And Bezel
- 316SS Tube & SS Internals
- 1 Piece Design Welded Socket
- Laminated Safety Glass Lens
- Anti-Vibration Dampened Movement (Dampened With High Viscosity Silicone Oil)
- Dry Gauge (Filling not Necessary)
- Hermetically sealed (Liquid Fillable)
- Accuracy : 1 % Full Scale
- Single Scale: PSI Only (Dual Scale Available by Request)
- Temperature: -40 to 190°F *

*(Note: Temperature can effect Accuracy & Lifespan)



Anti-Vibration Movement

RANGE	CODE	Major In	Minor In
30/0"VAC	A	5	0.5
30/0/15	CB	5	0.5
30/0/30	CC	10	1
30/0/60	CD	10	1
30/0/100	CE	20	2
30/0/160	CF	20	2
30/0/300	CH	50	10
0/15	B	3	0.25
0/30	C	5	0.5
0/60	D	10	1
0/100	E	10	1
0/160	F	20	2
0/200	G	20	2
0/300	H	30	5
0/400	I	50	5
0/600	K	100	10
0/800	L	100	10
0/1000	M	100	10
0/1500	N	300	25
0/2000	O	200	20
0/3000	P	500	50
0/5000	R	500	50
0/6000	S	1000	100
0/10,000	U	1000	100
0/15,000	V	3000	250



From This.....

To This

Reduces Pointer Flutter in Demanding Applications

Reasons to use the Dash-Pot Movement versus liquid filled gauge:

1. Elevated Temperature Applications.
(Removes Concerns of Glycerine "Browning" or Baking)
2. Clean Environment Applications
(Remove Concern of Glycerine Spilling due to Leaking Gauges)
3. Lower Cost Than Comparable Liquid Filled Gauges

	Dimensions	
	In	MM
A	2.74	70
B	2.44"	62
C	1.3"	33
D	3.26"	83
E	1/4"NPT	
F	.55"	14

