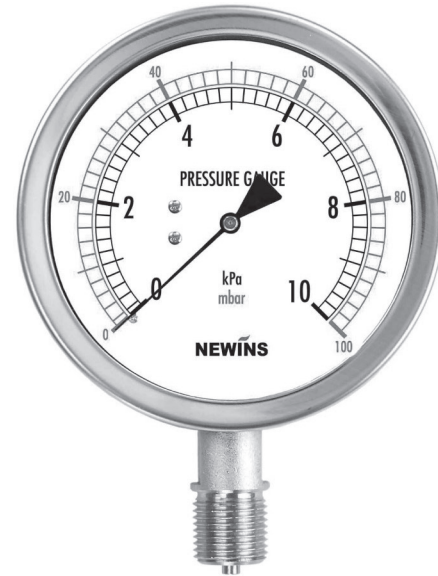


SUMMARY

NP-305S Series is an instrument specially designed for measuring the low pressure that can't be measured with a bourdon pressure gauge, element uses chamber.

Using the various gas pipe pressure measured or mainly used for the low pressure measurements of the various applications.

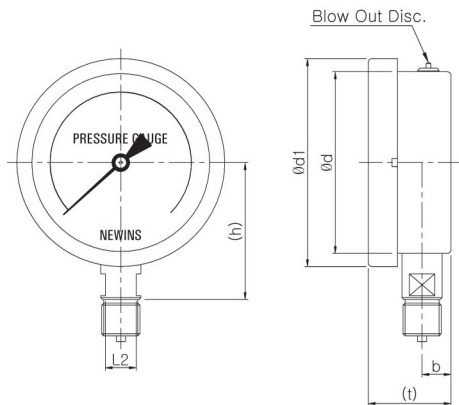


Model. NP-305S-1

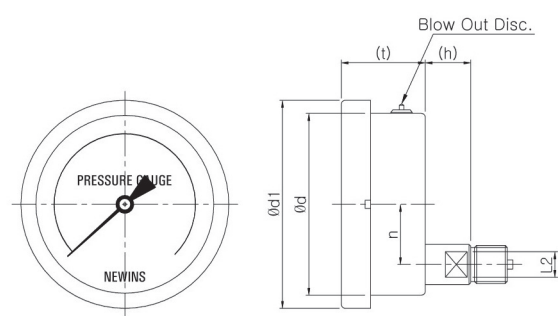
SPECIFICATIONS

- ▶ **Diameter** : 75,100,150mm
- ▶ **Accuracy**
75,100,150mm : $\pm 1.5\%$ of Full Scale
- ▶ **Scale Range** :
75,100mm : -1 ~ -100 kPa, $\pm 1 \sim \pm 50$ kPa,
- ▶ **Working Pressure** :
Static Pressure : 75% of Full Scale
Fluctuating Pressure : 60% of Full Scale
- ▶ **Working Temperature**
Ambient : $-20 \sim 65^{\circ}\text{C}$
Fluid : $-20 \sim 80^{\circ}\text{C}$
- ▶ **Process connection** :
STS 316
- ▶ **Element**
STS 304, STS 316
- ▶ **Case, Cover**
STS 304
- ▶ **Window**
General Glass
- ▶ **Movement**
Brass
- ▶ **Dial**
Aluminum
White Coating
- ▶ **Pointer**
Aluminum
Black Coating
- ▶ **Type** :
NP-305S-1 (Rimless Type)
NP-305S-2 (Surface Type)
NP-305S-3 (Flush Mounting Type)
NP-305S-4 (Panel attachment Type)
- ▶ **Process connection** :
75mm : 1/4", 3/8"PT & NPT, PF
100mm : 1/4", 3/8", 1/2"PT & NPT, PF
150mm : 1/4", 3/8", 1/2"PT & NPT, PF
- ▶ **Option** :
Accessories

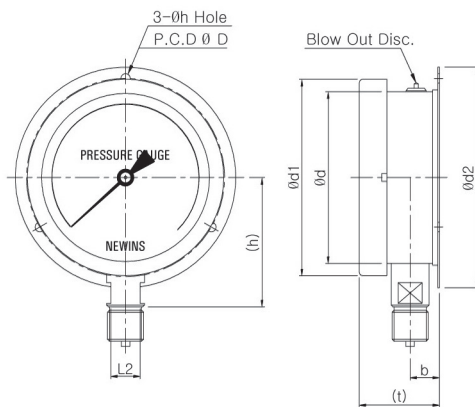
DIMENSION



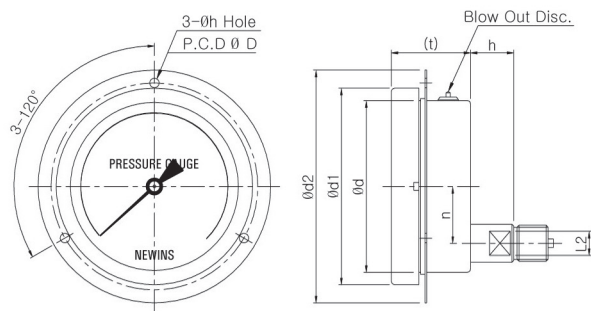
Model. NP-305S-1(A)



Model. NP-305S-3(D)



Model. NP-305S-2(B)



Model. NP-305S-4(BD)

STANDARD SPECIFICATIONS

Dimensions (mm)

Dial	Model No.	Ød	Ød1	Ød2	b	n	t	L1	L2	h	Øh	ØD
75	NP-305S-1(A)	76.5	78	100	13	-	(50)	17	-	(50)	-	-
	NP-305S-3(D)/4(BD)	77	88	107	-	22	(40)	-	14	(20)	4.5	97
100	NP-305S-1(A)/2(B)	100	114	128	13	-	(46)	-	17	(75)	5.5	115
	NP-305S-3(D)/4(BD)			135	-	33	(46)	-		(25)		120
150	NP-305S-1(A)/2(B)	152	168	188	17	-	(50)	-	17	(100)	5.5	173
	NP-305S-3(D)/4(BD)				-	33	(50)	-		(33)		