SYPHON TUBE

Model : A030

Spec. sheet no. AD00-03

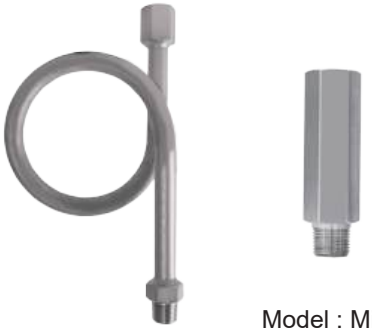
Service intended

It is used for protecting the pressure gauge from the effect of hot process media like steam, and it also can reduce the effect of rapid pressure surge.

Standard features

Max. working pressure
Stainless steel
• Code B, C : See pressure - temperature diagrams. (2 page)
• Code M : Up to 60 MPa at 20 ˚C, G¼"

※ This product's Max. working temperature could be varied depending on its working pressure at temperature.



Model : Mini

Main order — Ordering information

1. Base model

A030	Siphon tube

2. Type

B	Winding
C	Pig tail
M	Mini

3. Material

C	304SS	**H**	Hastelloy-C
D	316SS	**Z**	Other
F	316L SS		

4. Gauge connection size

0	¼"	**3**	¾"
1	⅜"	**6**	1"
2	½"	**Z**	Other

5. Gauge connection type

A	PF (F)
B	PT (F)
C	NPT (F)
Z	Other

6. Process connection size

B	¼"	**F**	1"
C	⅜"	**Q**	Flange
D	½"	**Z**	Other
E	¾"		

7. Process connection type

C	NPT (F)	**N**	S.W (M)
G	PF (M)	**P**	Pipe welding
H	PT (M)	**Q**	Flange
J	NPT (M)	**Z**	Other
M	S.W (F)		

8. Flange size

A	N/A	**G**	1¼" (32A)
D	½" (15A)	**H**	1½" (40A)
E	¾" (20A)	**J**	2" (50A)
F	1" (25A)	**Z**	Other

9. Flange rating

KA	N/A	**KM**	JIS 10K RFSF
AC	B16.5 Class 150 RF	**KP**	JIS 20K RF
AE	B16.5 Class 150 FF	**KR**	JIS 20K FF
AD	B16.5 Class 150 RFSF	**KQ**	JIS 20K RFSF
AF	B16.5 Class 300 RF	**KC**	JIS 30K RF
AH	B16.5 Class 300 FF	**KU**	JIS 30K FF
AG	B16.5 Class 300 RFSF	**KJ**	JIS 30K RFSF
AJ	B16.5 Class 600 RF	**KD**	JIS 40K RF
AL	B16.5 Class 600 FF	**KV**	JIS 40K FF
AK	B16.5 Class 600 RFSF	**KK**	JIS 30K RFSF
KL	JIS 10K RF	**ZZ**	Other
KN	JIS 10K FF		

10. Pipe length

000	⅜" SCH 40 (17.3Ø X 2.3t)	**500**	¾" SCH 80 (27.2Ø X 3.9t)
100	⅜" SCH 80 (17.3Ø X 3.2t)	**600**	½" SCH 160 (21.7Ø X 4.7t)
200	½" SCH 40 (21.7Ø X 2.8t)	**700**	⅛" SCH 80 (10.5Ø X 2.4t), (Only available with pig tail type)
300	½" SCH 80 (21.7Ø X 3.7t)		
400	¾" SCH 40 (27.2Ø X 2.9t)	**800**	None

Sample ordering code

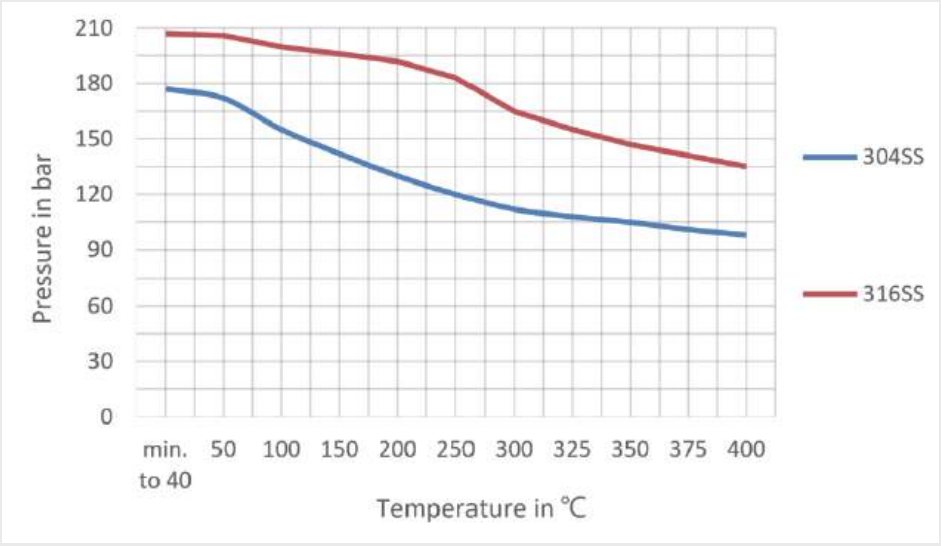
1	2	3	4	5	6	7	8	9	10
A030	**B**	**C**	**0**	**A**	**B**	**C**	**A**	**KA**	**000**

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Pressure - Temperature diagrams

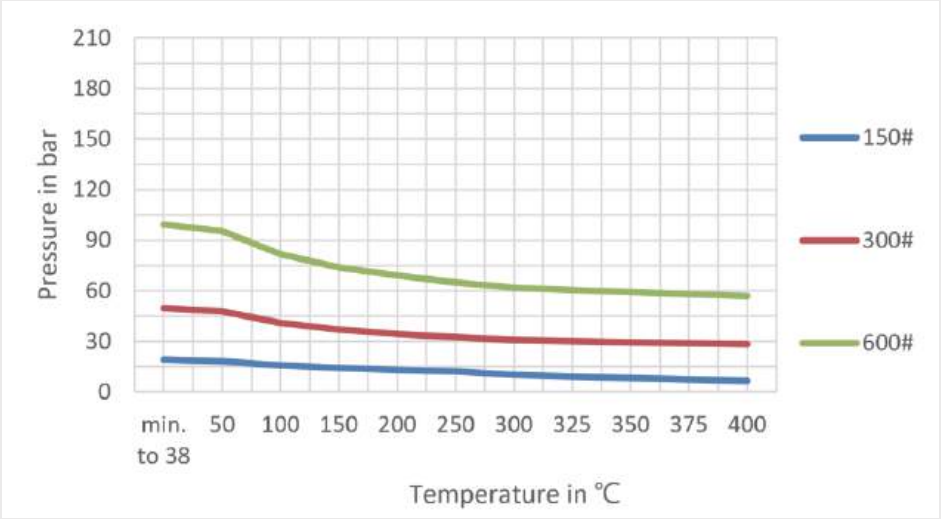
• Siphon : Winding type, Pig tail type

1. Process connection: Thread

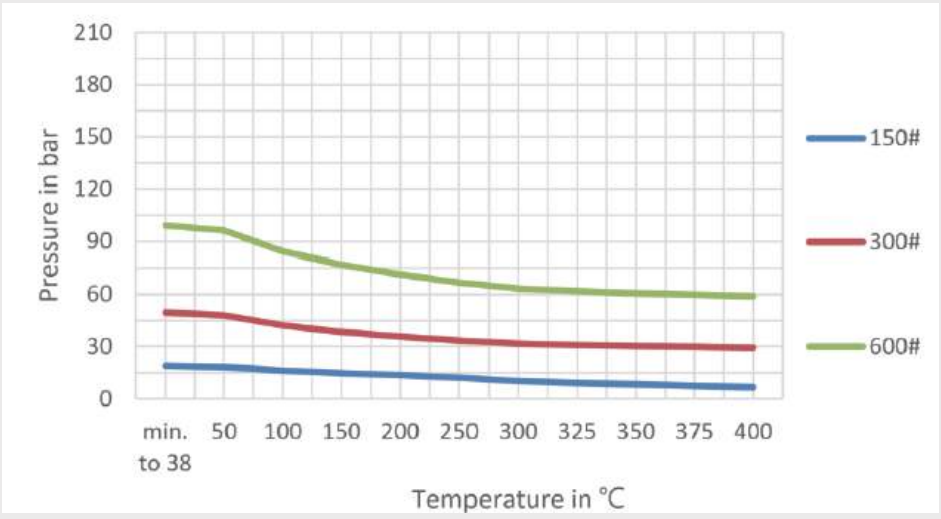


2. Process connection: Flange

- ASME B16.5 / 304SS

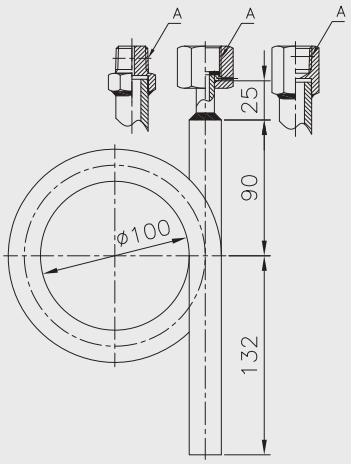


- ASME B16.5 / 316SS

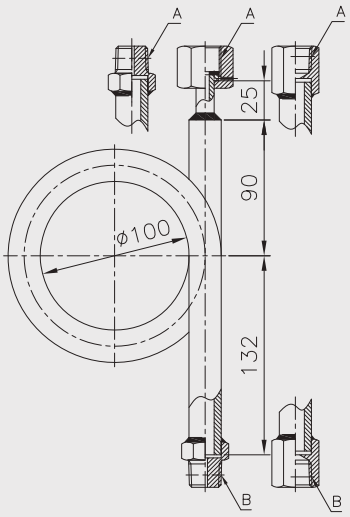


A030 : Type of mounting (1/3)

Code B

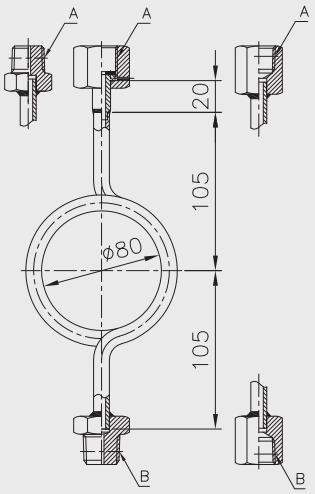


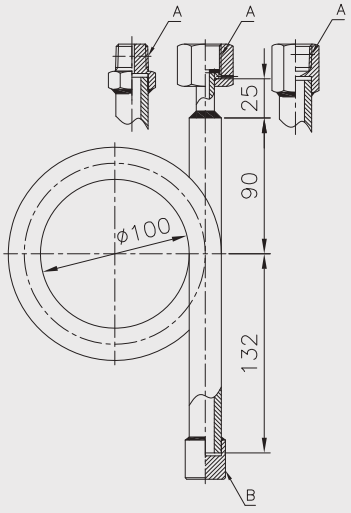
(Pipe Welding)



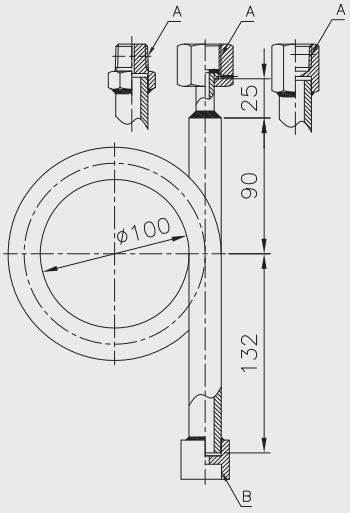
(Thread)

Code C





(S.W <M>)



(S.W <F>)

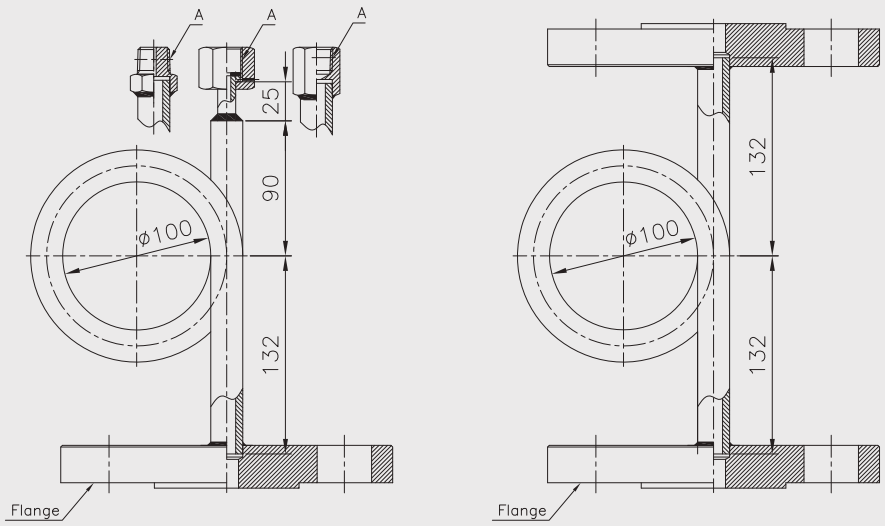
Dimensions (mm)

Type	Pipe		A	B
B	Standard	Size(O.D, thickness)	PF 3/8 PF 1/2 PT 3/8 PT 1/2 NPT 3/8 NPT 1/2	P.E (M) P.E (F) PF 3/8 PF 1/2 PT 3/8 PT 1/2 NPT 3/8 NPT 1/2
	3/8"(8A) SCH.40, SCH.80	ø17.14(ø17.3) 2.31t(2.3t), 3.2t(3.2t)		
	1/2"(15A) SCH.40, SCH.80	ø21.33(ø21.7) 2.76t(2.9t), 3.73t(3.9t)		
C	ø10.5 X 2.4t			

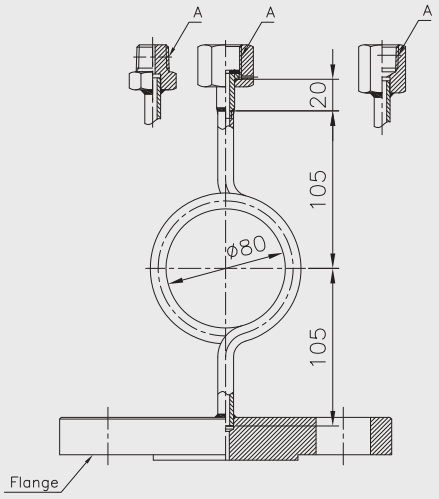
* NOTE
1. The shown in dimensions when the screw is " PF " type

A030 : Type of mounting (2/3)

Code B



Code C



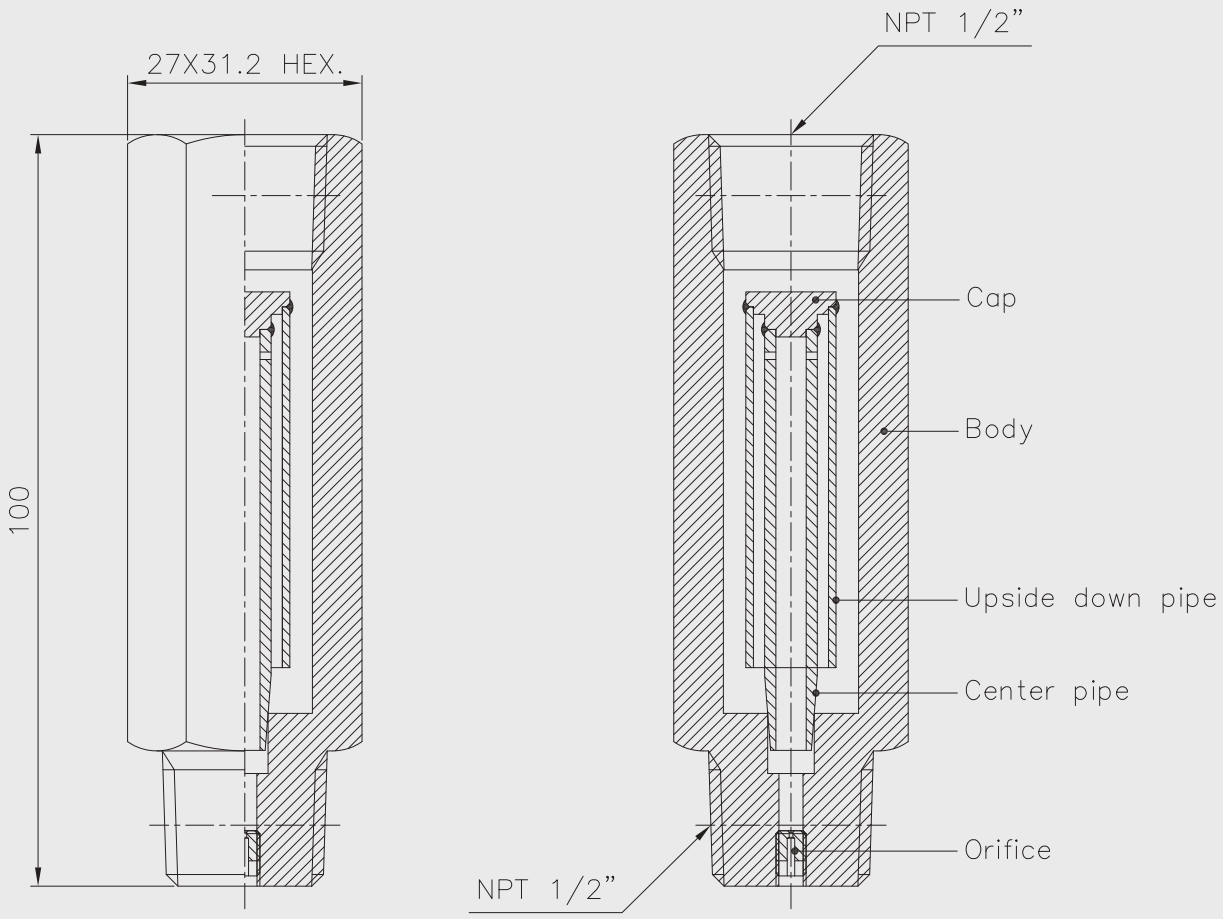
Dimensions (mm)

Type	Pipe		A	Flange rating			
B	Standard	Size(O.D, thickness)	PF 3/8 PF 1/2 PT 3/8 PT 1/2 NPT 3/8 NPT 1/2	JIS	10,16,20, 30,40K	15,20,25, 32,40,50A	FF
	3/8"(8A) SCH.40, SCH.80 1/2"(15A) SCH.40, SCH.80	ø17.14(ø17.3) 2.31t(2.3t), 3.2t(3.2t) ø21.33(ø21.7) 2.76t(2.9t), 3.73t(3.9t)					RF
				B16.5 (JPI)	Class 150, 300 600	1/2,3/4,1, 11/4,11/2,2B	FF
							RF
C	ø10.5 X 2.4t						

* NOTE
1. The shown in dimensions when the screw is " PF " type

A030 : Type of mounting (3/3)

Code M



Memo