

# Syphon Model SY1

## Features

- Similar to DIN 16 282/ Industrial standards
- Male thread end for process side and weld end on process side
- Protect pressure measuring instrument form direct heating.
- U-Type for horizontal tapping
- Q-Type for vertical tapping

## Applications

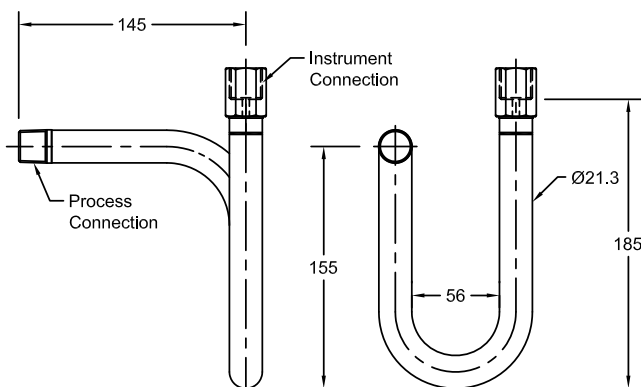
To protect pressure measuring instrument excessive heating  
 For liquids, gas or steam  
 Mounted on Shut-off valve or stop cock  
 Reduce the effect of rapid pressure surges

## Permissible Pressure and Temperature Rating

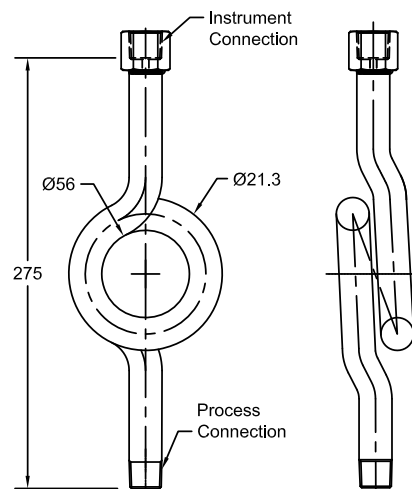
100	kg/cm <sup>2</sup>	@ 100°C	(212°F)
95	kg/cm <sup>2</sup>	@ 150°C	(302°F)
85	kg/cm <sup>2</sup>	@ 250°C	(482°F)
80	kg/cm <sup>2</sup>	@ 300°C	(572°F)
70	kg/cm <sup>2</sup>	@ 350°C	(662°F)
63	kg/cm <sup>2</sup>	@ 400°C	(752°F)



## General dimensions in mm



**U-type**



**Q-type**

## Order information

Type	Connection	Form <sup>1)</sup>	System material	Design/schedule	Options
<b>SY1</b>	<b>(04)</b> 1/2" NPT <b>(15)</b> 1/2" BSP <b>(16)</b> M20x1.5  Others on request	<b>(M/F)</b> Male X female <b>(M/M)</b> Male X Male <b>(F/F)</b> Female X female <b>(F/B)</b> Female X Blank for weld <b>(M/B)</b> Male X Blank for weld	<b>(C)</b> SS 304 <b>(S)</b> SS 316 <b>(L)</b> SS 316L <b>(CS)</b> Carbon steel ASTM A106	<b>(U40)</b> U type SCH 40 <b>(Q40)</b> Q type SCH 40 <b>(Q80)</b> Q type SCH 80	<b>(NH)</b> Tagging Wired <b>(CDIBR)</b> IBR Certified <b>(CD3)</b> Material certificate for wetted parts

1) For Form, First character indicates Process connection and Second character indicates Instrument connection

## How to order

Type	Connection	Form	System material	Design / schedule	Options
SY1	04	M/F	S	U40	CDIBR