



1. Optional Front Flange
2. Optional Back Flange

Description & Features:

- High quality, commercial grade gauge at an economical price
- $\pm 1\%$ accuracy
- Steel and aluminum cases
- Brass wetted parts
- ASME B40.100 compliant (EN837-1 available)
- CRN registered
- 5 year warranty

Applications:

- Commercial installations, plumbing, heating and cooling

Specifications

Dial	3.5" (90mm), 4" (100mm), 4.5" (115mm), 6" (150mm) white aluminum with black and red markings
Case	3.5" (90mm), 4" (100mm): Steel painted black 4.5" (115mm): Aluminum 6" (150mm) Bottom: Steel painted black 6" (150mm) Back: Aluminum
Lens	3.5" (90mm), 4.5" (115mm) Bottom connection, 6" (150mm): Glass 4" (100mm), 4.5" (115mm) Back connection: Polycarbonate
Ring	3.5" (90mm), 4" (100mm), 4.5" (115mm) Bottom connection: Polished brass 6" (150mm) Bottom connection: Steel painted black 4.5" (115mm) Back connection, 6" (150mm) back connection: SS, polished
Socket	Brass
Connection	1/4" NPT standard
Bourdon Tube	Phosphor bronze
Pointer	Black aluminum
Welding	Silver alloy
Over-pressure Limit	25% of full scale value
Working Pressure	Maximum 75% of full scale value
Ambient/Process Temperature	-40°F to 200°F (-40°C to 93°C)
Accuracy	$\pm 1\%$ ANSI/ASME Grade 1A
Enclosure Rating	IP52

Order Codes (products in bold are normally stock in North America)
(products in italics are normally available in 3 - 5 days)

Dial Size	3.5" (90mm)		4" (100mm)	4.5" (115mm)		6" (150mm)	
Case Material	Steel			Aluminum		Steel	Aluminum
Connection	Bottom	Centre Back		Bottom	Lower Back	Bottom	Lower Back
30" Hg Vac/kPa	P1S234	<i>P1S560</i>	P1S460	P1S410	<i>P1S430</i>	P1S250	P1S475
30"/0/15 psi/kPa	P1S230	<i>P1S568</i>	P1S468	P1S411	<i>P1S431</i>	P1S251C	P1S476
30"/0/30 psi/kPa	P1S231	<i>P1S569</i>	P1S469	P1S412	<i>P1S432</i>	P1S252C	P1S477
30"/0/60 psi/kPa	P1S232	<i>P1S570</i>	P1S470	P1S413	<i>P1S433</i>	P1S259C	P1S478
30"/0/100 psi/kPa	P1S233	<i>P1S571</i>	P1S471	P1S414	<i>P1S434</i>	P1S253C	P1S479
30"/0/160 psi/kPa	P1S229	<i>P1S572</i>	P1S472	P1S416	<i>P1S436</i>	P1S254C	P1S480
30"/0/200 psi/kPa	-	<i>P1S573</i>	-	P1S417	<i>P1S437</i>	P1S255C	P1S481
30"/0/300 psi/kPa	P1S227	<i>P1S574</i>	P1S473	P1S418	<i>P1S438</i>	P1S256C	P1S482
0/15 psi/kPa	P1S228	<i>P1S561</i>	P1S461	P1S419	<i>P1S439</i>	-	-
0/30 psi/kPa	P1S235	<i>P1S562</i>	P1S462	P1S420	<i>P1S440</i>	P1S251	P1S483
0/60 psi/kPa	P1S236	<i>P1S563</i>	P1S463	P1S421	<i>P1S441</i>	P1S252	P1S484
0/100 psi/kPa	P1S237	P1S564	P1S464	P1S422	<i>P1S442</i>	P1S253	P1S485
0/160 psi/kPa	P1S238	<i>P1S565</i>	P1S465	P1S423	<i>P1S443</i>	P1S254	P1S486
0/200 psi/kPa	P1S239	<i>P1S566</i>	P1S466	P1S424	<i>P1S444</i>	P1S255	P1S487
0/300 psi/kPa	P1S240	<i>P1S567</i>	P1S467	P1S426	<i>P1S446</i>	P1S256	P1S488
0/600 psi/kPa	-	-	-	P1S490	-	-	-
0/1,000 psi/kPa	-	-	-	P1S491	-	-	-
0/3,000 psi/kPa	-	-	-	P1S492	-	-	-
0/5,000 psi/kPa	-	-	-	P1S493	-	-	-

Other ranges and connection sizes available upon request. For scale change, refer to How to Order Guide for scale codes.

For options, attach suffix to end of order code: i.e. **P1S420-45QBF** for BACK FLANGE.

Option suffix:

35QBF = 3.5" (90mm) Back flange

45QBF = 4.5" (115mm) Back flange

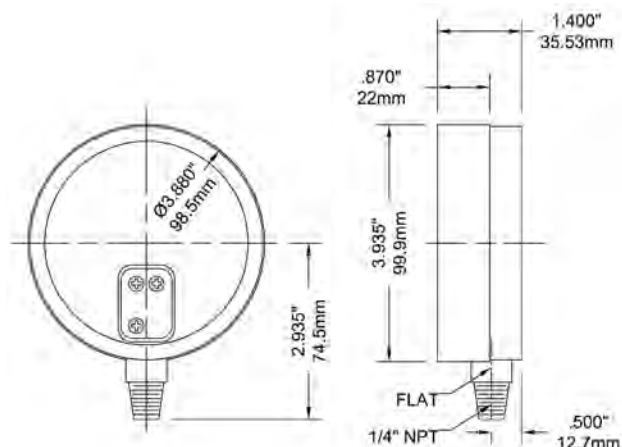
4QBF = 4" (100mm) Back flange

6QBF = 6" (150mm) Back flange

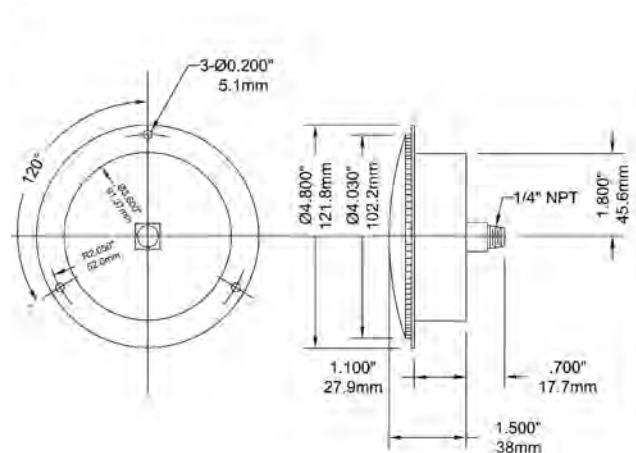
EN = EN837-1 compliant

Note: Syphon recommended for all steam applications

3.5" Bottom Connection

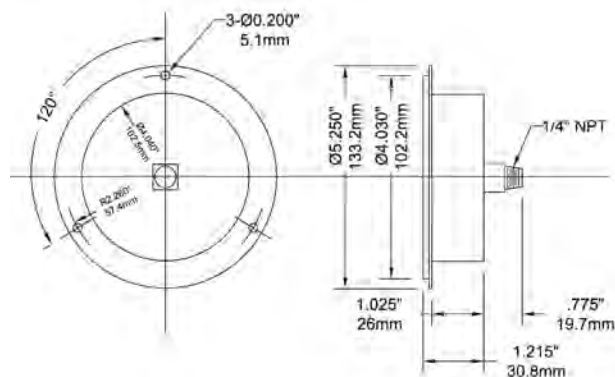


3.5" Back Connection

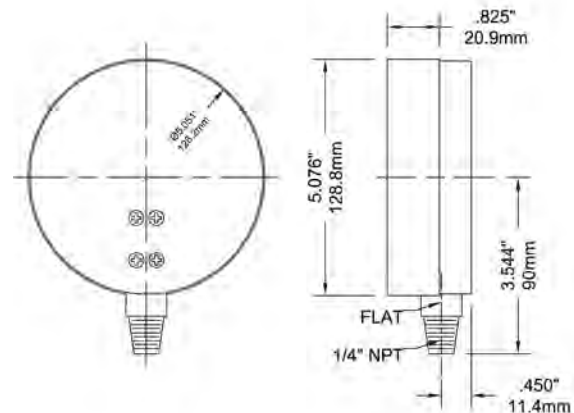


Front flange is a standard integral part of the 3.5" back connection case

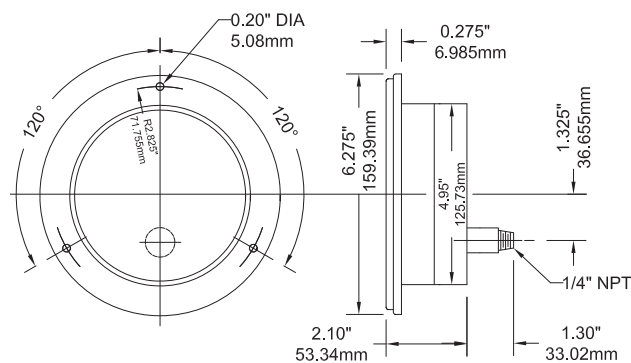
4" Centre Back Connection



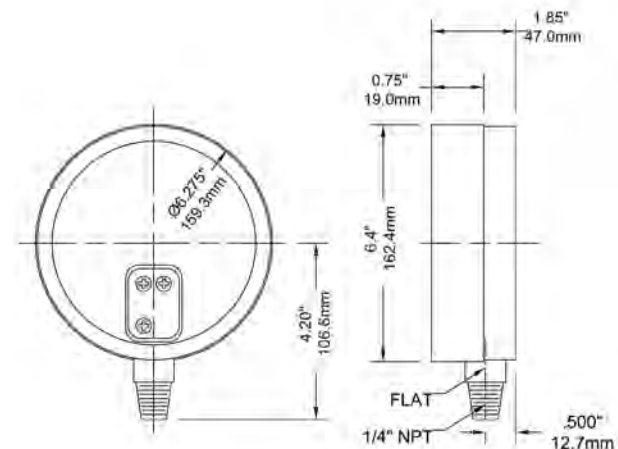
4.5" Bottom Connection



4.5" Lower Back Connection



6" Bottom Connection



6" Back Connection with Front Flange

