

Specific&Performance

- Pressure range: from 0...60kPa to 0...20000psi;
- Wetted parts: Brass, 316SS or 316LSS;
- Blowout disc and safety glass is standard for 4" and 6" all stainless steel gauges to improve safety;
- Laser welded between case and socket;
- StabilizR movements are available;

Application

- Petrochemical
- Water treatment
- Power station
- Hydraulic station and system



Specification

Dial size	2.5" , 4" , 6"			
Accuracy (25£)	2.5" dial		4" and 6" dial	
	1.6% of F.S		1.0% of F.S	
Case material	304SS			
Element material	Brass , 316SS or 316LSS			
Socket material	Brass , 316SS or 316LSS			
Pointer material	Aluminum painted black with zero setting screw			
Dial scale	Aluminum painted white with black word			
Window material	2.5" dial		4" and 6" dial	
	Brass socket	SS socket	Brsss socket	SS socket
	PC(standard) , safety glass(option)		PC(standard),safety glass(option)	
Temperature	Ambient temperature		Medium temperature	Storage temperature
	-20...70℃		-40...150℃ (dry) -40...100℃ (Filled)	-40...70℃
Pressure limitation(barss)	Steady: 100%FS;		Fluctuating: 90%FS;	Short time: 130%FS
Pressure limitation(SS)	Pressure range≤600bar		Pressure range>600bar	
	Steady: 100%FS Fluctuatín: 90%FS Short time: 130%FS		Steady: 75%FS Fluctuation: 65%FS Short time: 100%FS	
IP protection	IP65 EN 60529			
Thermal drift	Max ±0.04% F.S/℃ refer at 25℃			
Standard unit	Single scale: MPa, kPa, bar, kg/cm², psi Dual scale: bar/psi, kg/cm²/psi, MPa/psi, kpa/psi Others please contact with us			

Pressure Range

Standard range :

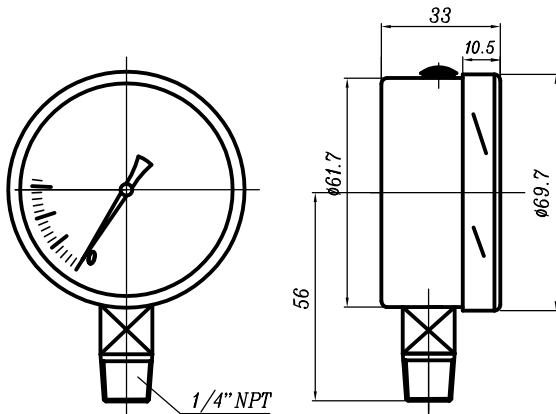
bar, bar/psi	MPa, MPa/psi	kPa, kPa/psi	psi, psi/bar, psi/MPa, psi/kPa
-0.6-0	-0.06-0	-60-0	-30 " Hg-0
-1-0	-0.1-0	-100-0	-30 " Hg-0-15
-1-0.6	-0.1-0.06	-100-60	-30 " Hg-0-30
-1-1.5	-0.1-0.15	-100-150	-30 " Hg-0-60
-1-3	-0.1-0.3	-100-300	-30 " Hg-0-100
-1-5	-0.1-0.5	-100-500	-30 " Hg-0-150
-1-9	-0.1-0.9	-100-900	-30 " Hg-0-300
-1-15	-0.1-1.5	-100-1500	0-10
-1-24	-0.1-2.4	-100-2400	0-15
0-0.6	0-0.06	0-60	0-30
0-1	0-0.1	0-100	0-60
0-1.6	0-0.16	0-160	0-100
0-2.5	0-0.25	0-250	0-160
0-4	0-0.4	0-400	0-200
0-6	0-0.6	0-600	0-300
0-10	0-1	0-1000	0-600
0-16	0-1.6	0-1600	0-800
0-25	0-2.5	0-2500	0-1000
0-40	0-4	0-4000	0-1500
0-60	0-6	0-6000	0-2000
0-100	0-10	0-10000	0-3000
0-160	0-16	0-16000	0-4000
0-250	0-25	0-25000	0-5000
0-400	0-40	0-40000	0-6000
0-600	0-60	0-60000	0-10000
0-1000	0-100		0-15000
			0-20000

Available range:

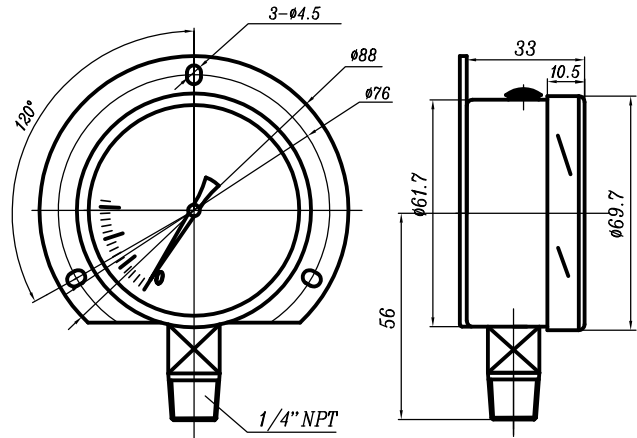
	2.5" dial		4" and 6" dial	
	Brass wetted parts	SS wetted parts	Brass wetted parts	SS wetted parts
Min	-100... 0 or 0... 100 kPa	-100... 0 or 0... 100 kPa	-60... 0 or 0... 60 kPa	-60... 0 or 0... 60 kPa
Max	0... 60 MPa	0... 15000 psi	0... 60 MPa	0... 20000 psi

Dimension (mm)

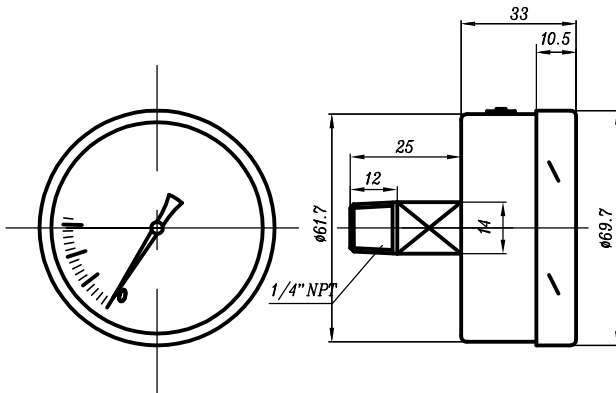
2.5"(63mm) bottom connection



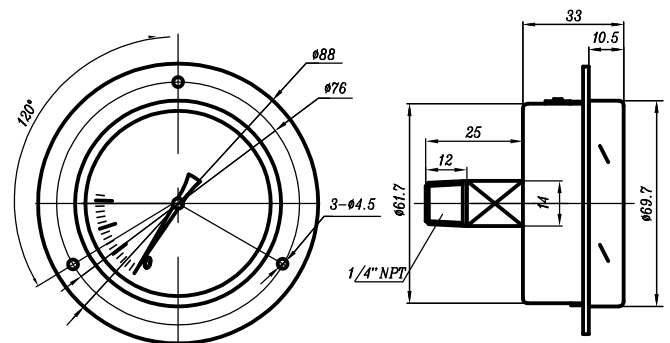
2.5"(63mm) bottom connection with back flange



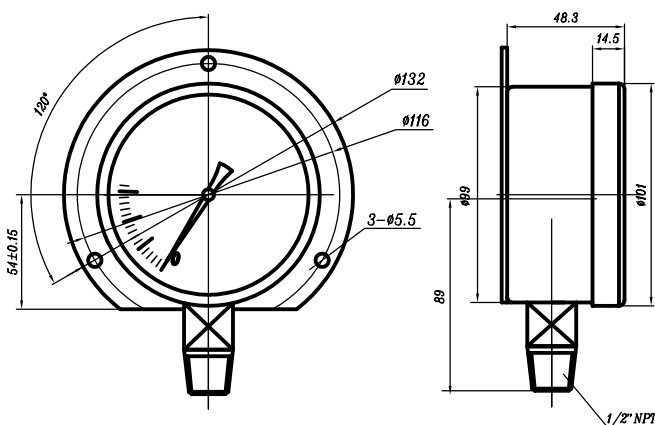
2.5"(63mm) Center back connection



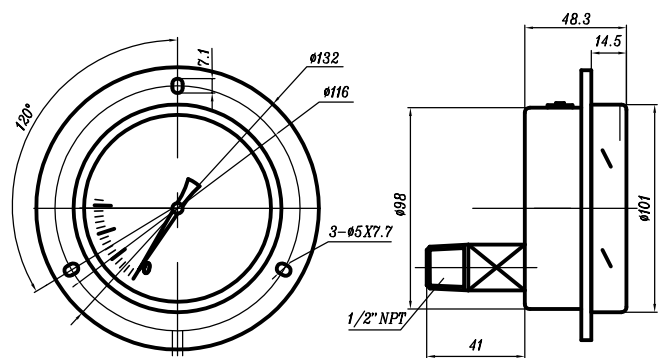
2.5"(63mm) Center back connection with bottom flange



4.0"(100mm) bottom connection

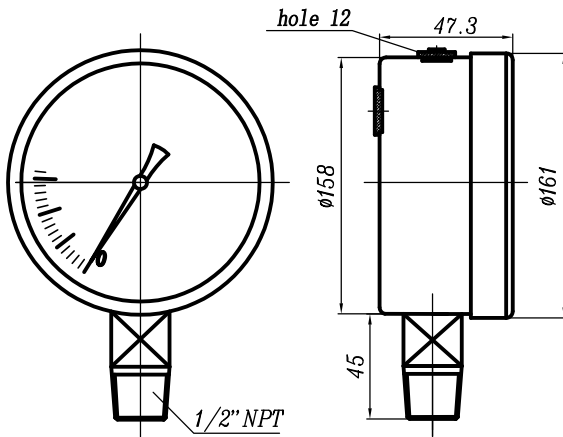


4.0"(100mm) Lower back connection with front flange

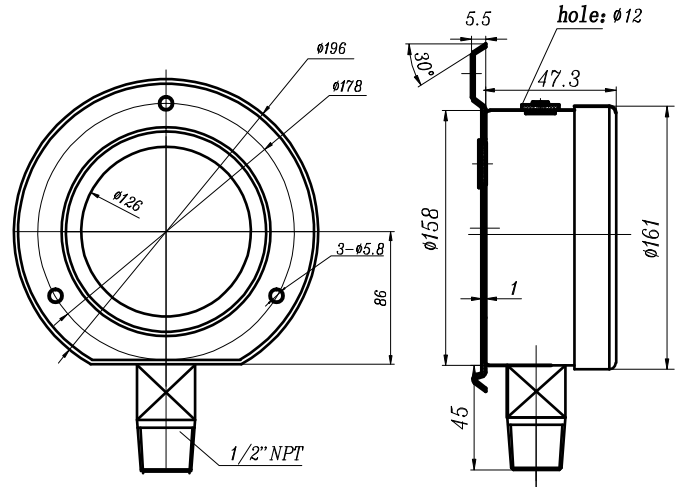


Dimension (mm)

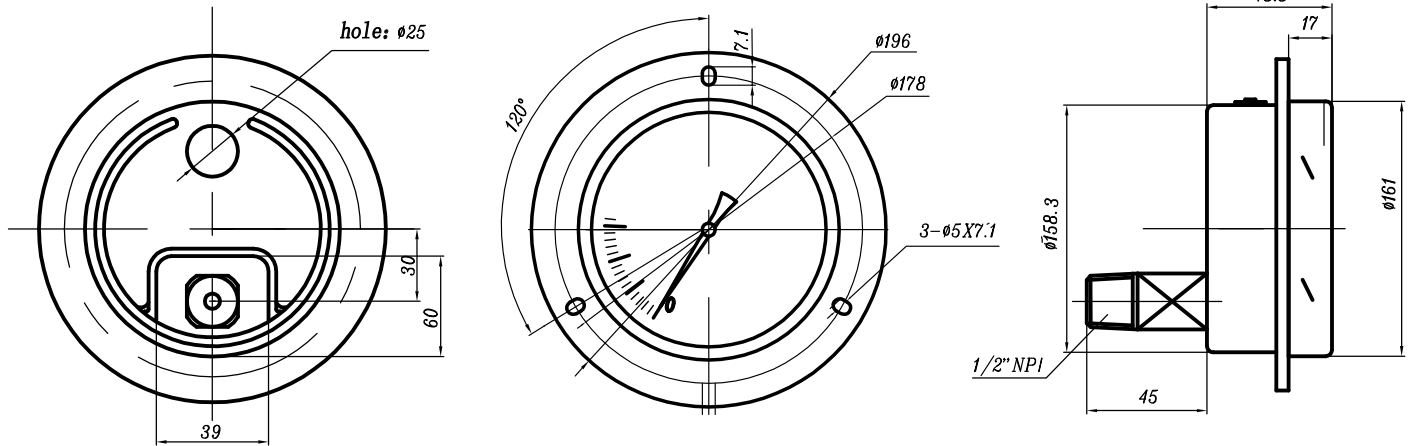
6.0"(160mm) bottom connection



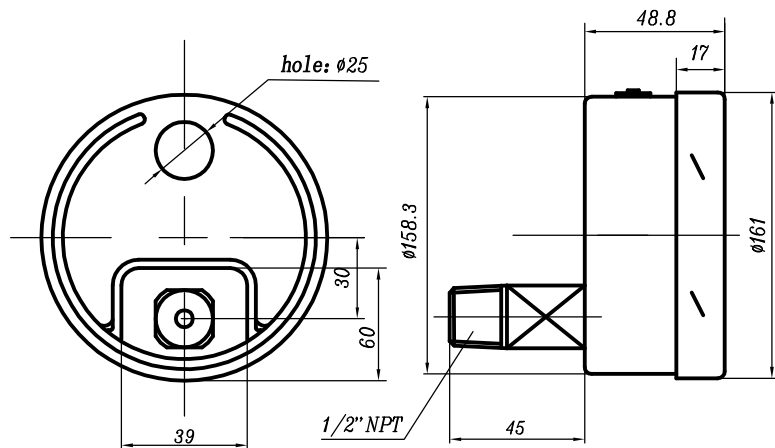
6.0"(160mm) bottom connection with back flange



6.0"(160mm) lower back connection with front flange



6.0"(160mm) lower back connection



PFP ordering code

Code		Specification	
		Series	
1.		PFP	Standard movement
		PFP-ZR	StabiliZR movement
		Dial size	
2.		25	63mm
		40	100mm
		60	160mm
		Case material	
3.		T	304SS
		S	316SS
		Wetted parts	
4.		B	Brass
		S	316SS
		L	316LSS
		Type of mounting	
5.		A	Bottom
		B	Bottom with back flange
		D	Back
		F	Back/lower back with front flange
		G	Back/lower back with U-clamp（not available for 6"）
		H	Back/lower back with front flange and U-clamp（not available for 6"）
6.		4	1/4"
		3	3/8"
		2	1/2"
		Z	20*1.5
		Thread type	
7.		N	NPT
		B	G
		T	R
		M	M
		Pressure range	
8.			Please enter range according with standard range
		Option	
9.		SE	Filled with glycerin
		SD	Filled with silicone
		SF	Glass window
		SA	Safety glass
		TG	SS tag plate
		SL	Use no oil