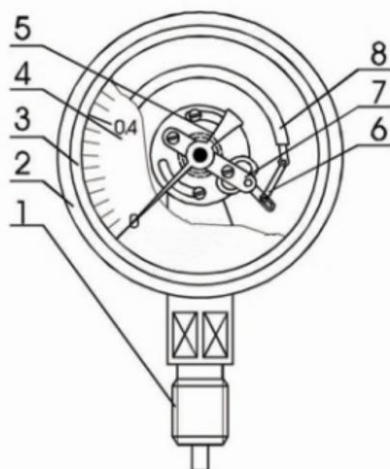


WYBF-X All Stainless Steel Pressure Gauge



WYBF-X all stainless steel pressure gauge can be applied in the most corrosive media and conditions, liquid filling helps absorb vibration and pressure spikes, also increasing the service life of the gauge. The parts of this series are made up of cauterization-resisting material. The gauge has good cauterization-resisting performance, can be used widely in petroleum, chemical, metallurgy, mine, power and food industries, measuring the pressure of gas and liquid which have cauterization function to cooper, iron etc.

The gauge is made up of pressure-conducting system (including header, spring, and flux-limiting bolt), gear turning parts, display parts (needle and dial) and sheath (sheath, cover, glass etc.). The structure of sheath is sealed style, this can protect the inner parts from circumstance affection and dirt.



- 1.Connection header
- 2.Sheath
- 3.Lined band
- 4.Dial
- 5.Needle
- 6.Connection rod
- 7.Turnable Implement(core)
- 8.Spring tube

Specifications:

Nominal Dial Size (mm): 1.5"(40mm), 2"(50mm), 2.5"(63mm), 4"(100mm), 6"(150mm), 8"(200mm), 10"(250mm)

Socket: Bottom mount, Center back mount, or Lower back mount

Connection thread: NPT, BSP, BSPT, PT, ZG, or other customized threads

Material: 304SS or 316SS

Bezel: SS crimped-on

Window (Lens): Polycarbonate lens or safety glass lens

Liquid: Glycerin, silicone, oil fill-able, or without liquid

Dial plate: Single or dual scale

Accuracy: +/- 3/2/3% (ASME B40.1 Grade B); +/-1% (ASME B40.1 Grade 1A);
+/-2-1-2 % (ASME B40.1 Grade A); +/-1.6%

Tube Element Shape: P≤100 bar in C tube; P>100 bar in helicoid

Operating Temperature: Ambient temperature -10°~+80°C; Medium temperature 110°C Max.

Temperature Error: Additional error when pressure element temperature deviates from reference temperature +20°C (+68°F), is ±0.4% / 10°C (50°F) rising or falling

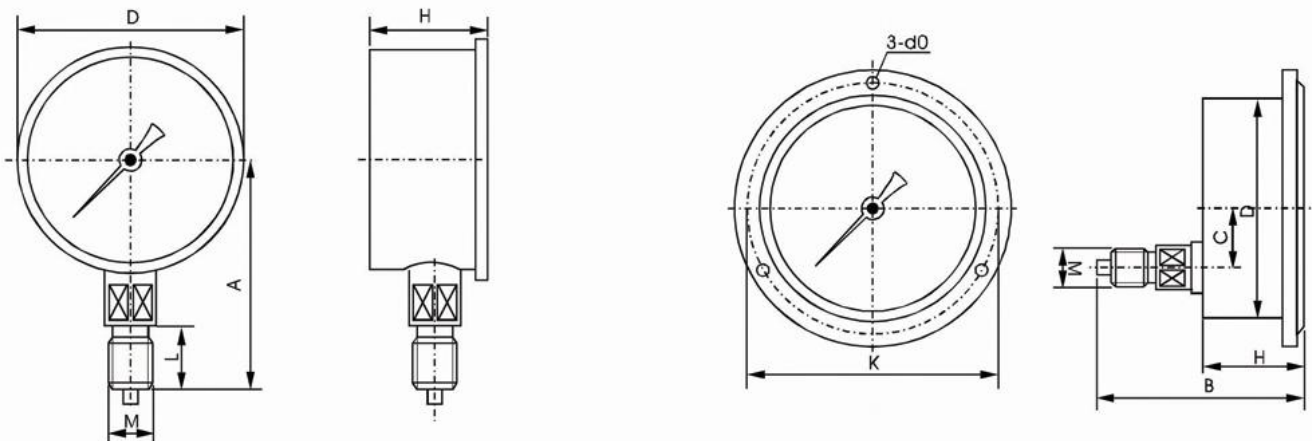
Over Pressure Limit: 130% of F.S.P ≤ 100 bar; 115% of F.S.P > 100 bar

Ingress Protection: IP54

Model Selection:

WYBF	All Stainless Steel Pressure Gauge	
-	Dial diameter	E.g. -100 (100mm), or -4". etc.
-	(Pressure range)	e.g. (0-10bar) or (0-1MPa) etc.
-	Type	None: bottom installation connection Z: back center installation connection ZD: back bottom installation connection T: edge flange installation connection
-	Material	-S4: 304 case and 304 wet parts -S5: 304 case and 316 wet parts -S6: 316 case and 316 wet parts
-	Filling	D: dry DF: dry but can be filled N: vibration-proof glycerin filled
-A	Installment type	1: thread 2: flange 3: clamp

		4: customer specified
-	Size of installment	e.g. for A1, -1/2BSP or -M20*1.5 etc.; For A3, -2" or 3" etc.
-	Sub-model	As shown in the below pictures

Dimensions:


D	K	d0	B	C	L	H	A	接头螺纹M Connection Thread
Φ60	Φ76	Φ4.5	≤60	Φ60	14	36	66	M14×1.5; G1/4"
Φ100	Φ116	Φ4.8	≤100	≤35	20	50	98	M20×1.5;
Φ150	Φ165	Φ5.8	≤125	≤60				

Application:

Are built for maintaining maximum safety when measuring pressure.

Accuracy: 1%

Blow out back, stainless steel safety case design

Wetted part sus 316

Range: -0.1-100MPa

Laminated safety glass

Available model for the size			
Model	Φ 63	Φ 100	Φ 160
261AL	●	●	●



Applications

Used for hydraulic and pneumatic systems

Compressors, compressed air system

Suitable for fluid medium which does not clog connection port or stainless steel

Used for providing protection from vibration and pulsation.

Case: stainless steel

Ring: stainless steel

Window: polycarbonate (glass)

Socket & Connection: stainless steel

Movement: stainless steel

Bourdon tube: stainless steel

Pointer and dial: aluminum

Liquid: glycerin, silicone

Rang: vacuum, compound 0 to 6000 psi accuracy

Class: $F \pm 3/2/3\%$ (ASME B40. 100 Grade B)

KI 2.5 FOR 1 1/2", 2", KI 1.6 FOR 2 1/2", 3", 4"

Operating temperature

Ambient: -4°F to 140°F (-20°C TO + 60°C)

Media: 140°F (+ 60°C)



116AL



116AB



116BL



116BB



116AV



116CR



116CL



116CB



116CV



116AU1



116AU2



R1 High pressure radiator



R2 Capillary radiator



R3 High-Temperature tube



Overpressure protector



One Valve



One Valves With A Bleeding Screw



Two Valves



Syphon

Applications

Used for hydraulic and pneumatic systems

Compressors, compressed air system

Suitable for fluid medium which does not clog connection port or stainless steel

Case: stainless steel (stainless steel)

Ring: no (stainless steel)

Window: acrylic (glass, acrylic glass, polycarbonate)

Socket & Connection: stainless steel, (brass chromed)

Movement: stainless steel

Bourdon tube: stainless steel

Pointer and dial: aluminum

Rang: vacuum, compound 0 to 10000 psi

Accuracy Class: $F \pm 3/2/3\%$ (ASME B40. 100 Grade B)

KI 2.5 FOR 1 1/2", 2", KI 1.6 FOR 2 1/2", 3", 4"

Operating temperature

Ambient: -67°F to 212°F (-55°C TO 100°C)

Media: -67°F (+176°C) (-55°C TO 80°C)



113AL



113AB



113BL



113BB



113AU



113DL



113DB