

Y-BF 系列不锈钢压力表

Y-BF series stainless steel pressure gauge

用途说明 Application Description

不锈钢压力表广泛用于石油、化工、化纤、冶金、电站等工业部门中对耐腐、抗振有要求较高的工艺流程中测量各种流体介质的压力。

本仪表的整体结构设计合理、工艺精致，具有较高的测量精确度和持久的稳定性，因此不仅可提供出口，尤为国内用户对引进国外先进技术装备中的同类仪表实现国产化的理想配套产品。

This gauge is widely used in oil industry, chemical industry, chemical fibre industry, metallurgical industry, power station and so on. It can measure the pressure of all kinds of liquid medium in technologic process which has higher require for corrosion-proof and antivibration characters.

The gauge has the reasonable design with structure, exquisite craft, higher measuring accuracy and sustained stability. So it is sold to abroad, also is the ideal accessories for domestic consumers who want to homemade the same gauge imported from abroad.



YZ-150ZT-BF



Y-100BF



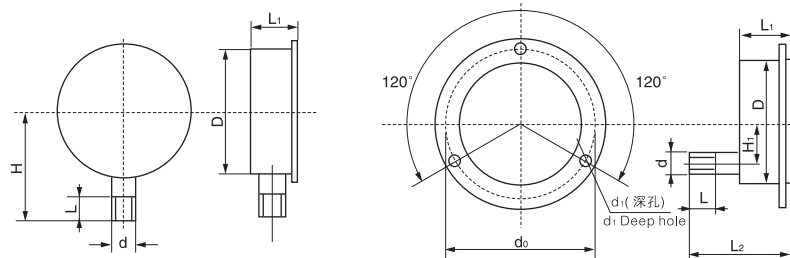
YTN-100ZT-BF

主要技术指标 Main Technical Data

名称 Item name	型号 Model	标度范围 Scale range(Mpa)	精确度等级 Accuracy grade
不锈钢压力表 Stainless steel pressure gauge	Y-60B-F	0~0.1, 0.16, 0.25, 0.4, 0.6, 1, 1.6, 2.5, 4, 6, 10, 16, 25, 40, 60, -0.1~0, 0.06, 0.15, 0.3, 0.5, 0.9, 1.5, 2.4	2.5 or 1.6
	Y-100B-F		
	Y-150B-F		
耐震不锈钢压力表 Oiled stainless steel pressure gauge	Y-60B-FZ		
	Y-100B-FZ		
	Y-150B-FZ		
轴向带前边不锈钢压力表 Stainless steel pressure gauge with back flange	Y-63B-F		
	Y-103B-F		
	Y-153B-F		
轴向带前边耐震不锈钢压力表 Pressure gauge, back connection with front flange, glycerin filled	Y-63B-FZ		
	Y-103B-FZ		
	Y-153B-FZ		

外形尺寸 Dimensions

单位(Unit): mm



D	d ₀	d ₁	H ₁	H ₂	L	L ₁	L ₂	接头螺纹 (d) Stem length
60	76	4.5	≤60		14	36	66	M14 × 1.5; Z1/4(NPT)
100	116	4.8	≤100	≤35	20	50	98	M20 × 1.5; Z1/2; Z1/4(NPT)
150	165	5.8	≤125	≤60				

YTQ、YTQN 不充液、充液系列全不锈钢安全系列压力表

YTQ、YTQN no liquid-filling、oil-filling series stainless steel safety series pressure gauge

产品概述 Product Overview

此仪表适用于必须选用带有安全隔爆层的坚固安全型压力表的各种场合。

用于测量腐蚀性的、不滞粘的和结晶的气体或液体介质的压力。

The gauge is suitable for various conditions where solid safety pressure gauges with safety explosion proof layers. It is used in measuring medias which are corrosive, non-viscous or non-crystallizing gas or liquid.



YTQ-100BF

规格 Specifications

① — ② ③ ④ ⑤ ⑥

①	基本型号 Basic type
YTQ	外壳防腐压力表 Anti-corrosive case pressure gauge
YTQN	外壳防腐耐震压力表(内卡焊壳) Anti-corrosive and shake resisting case pressure gauge(with welded shell inside)

②	外径 Diameter
	φ 63/100/160mm

③	规格 Specification
BF	全不锈钢防腐 (无标注表示一般防腐) Anti-corrosive stainless steel (no label means common anti-corrosive)

④	安装方式 Mounting pattern
无标注 No label	径向直接安装 Lower mount
Z	偏心轴向安装 Lower back mount

⑤	量程 Scale range
	0~0.1~0~100MPa

⑥	连接螺纹 Connection thread
M20	M20 × 1.5
G1/2	G1/2
Z1/2	NPT1/2
R1/2	ZG1/2
G3/8	G3/8
R3/8	ZG3/8
Z3/8	NPT3/8

技术参数 Technical Parameter

- ◇ 执行标准: GB/T1226-2001
- ◇ 仪表直径: φ 63/100/160(mm)
- ◇ 精度等级: 1.6%
- ◇ 测量范围: 0~0.1~0~100MPa
- ◇ 防护等级: 普通IP54, 充液IP65
- ◇ 工作环境温度: -20~60℃
- ◇ 工作介质温度: ≤100℃
- ◇ 仪表外壳: 不锈钢, 带有安全隔爆层和安全卸压后盖。充液型顶部充液孔盖在压力范围 ≤ 0.6MPa 时, 为平衡表内部压力可以放开通气。
- ◇ 仪表接头: SUS304(可选SUS316)
- ◇ 波登管: SUS316
- ◇ 仪表机芯: SUS304
- ◇ 仪表玻璃: 可选防爆双层安全玻璃

- ◇ Executive standard: .GB/T1226-2001
- ◇ Diameter: φ 63/100/160(mm)
- ◇ Accuracy degree: 1.6%(or 1%)
- ◇ Measuring range: 0~0.1~0~100MPa
- ◇ Protection degree: common IP54, liquid-filling IP65
- ◇ Temperature of working environment: -20~60℃
- ◇ Temperature of working media: ≤100℃
- ◇ Gauge case: stainless steel, with safety explosion proof layers and safety pressure relief cover. Liquid-filling hole cover on the top of liquid-filling type can be opened to balance the pressure inside under the outside pressure range of 0.6MPa.
- ◇ Connect of the gauge: SUS304(or SUS316)
- ◇ Bourbon tube: copper alloy, SUS316
- ◇ Machine core of gauge: SUS304
- ◇ Gauge glass: explosion proof double-layer safety glass

- ◆ 表 针：黑色 铝

◆ 表 盘：铝 白底黑刻度字 MPa(可选bar/psi.....)

◆ 连接方式：φ 63—M14×1.5或约定的特殊要求
φ 100/160—M20×1.5或约定的特殊要求
- ◆ Pointer: black aluminum.

◆ Dial:white aluminum,black lettering MPa(or bar/psi...)

◆ Connection thread: Ø63--M14*1.5 or special requirement
Ø100/160--M20*1.5 or special requirement

压力范围 Pressure Limitation

- ◆ 表径 φ 63mm:

静压：3/4X满量程

动压：2/3X满量程

瞬时：1.2X满量程

◆ Diameter:63mm

Steady: 3/4* full value

Fluctuating: 2/3* full scale value

Short time: 1.2* full scale value
- ◆ 表径 φ 100/160mm:

静压：3/4X满量程

动压：2/3X满量程

瞬时：1.3X满量程

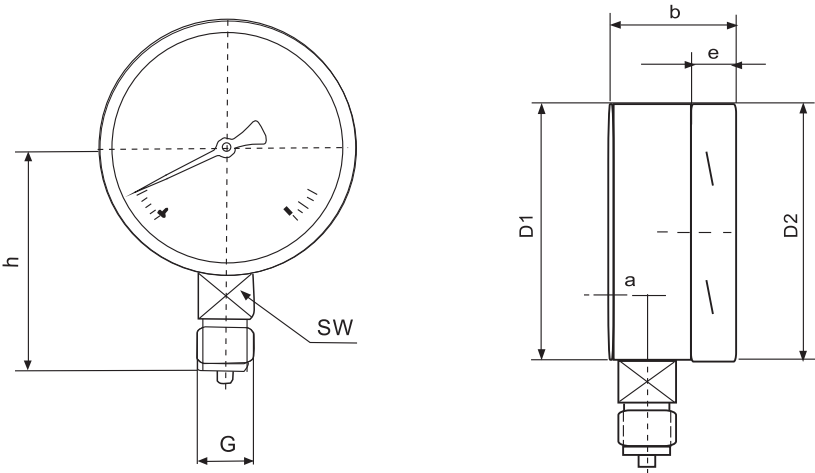
◆ Diameter:100/150/160mm

Steady: 3/4* full scale value

Fluctuating: 2/3* full scale value

Short time: 1.3* full scale value

外形尺寸 Dimension(mm)



表圆直径 (φ D) Diameter	外形尺寸 Dimension										重量 Weight (kg)
	a	b	b1	D1	D2	e	f	G	h	SW	
63	17.5	42	42	63	63	14.5	18.5	G1/4A	53	14	0.2
100	24	57.5	57.5	101	100	17.5	30	G1/2A	87	22	0.65
160	24	58 ¹⁾	—	161	160	17.5	—	G1/2A	118	22	1.30 ¹⁾

YQHA-107mm系列安全型全不锈钢压力表 YQHNA-107mm系列安全充油型全不锈钢压力表

YQHA-107mm series safety stainless steel pressure gauge
YQHNA-107mm series safety oil-filled stainless steel pressure gauge



YQHA-107

产品概述 Product Overview

产品全不锈钢设计，耐腐蚀性强，适用于恶劣及具有腐蚀性的环境。表内设计有安全隔板。背部设有泄压后盖及泄压孔，以释放因过载致使弹性元件破裂而产生的内部压力，增强了人员及设施的安全性。充液型安全压力表具有耐震和阻尼性能，可以防止因振动对压力表内部的损伤，同时还可润滑内部元件，减少磨损。

此系列仪表被广泛用于食品、医药、炼油、化工、海上石油平台、钻井、船舶等行业。

This product is all made up of stainless steel, highly anti-corrosive, is suitable for severe and corrosive environment. A safety clapboard is installed inside the gauge. There is pressure relief cover and hole on the back that can set free the inside pressure which might break the elastic element because of over-loading. It enhances safety for staff and facilities. Oil-filled safety pressure gauge is shake-resisting and damping, which can prevent the gauge inside from being hurt by vibration and meanwhile lubricate components inside and reduce abrasion.

This gauge series is widely employed in food industry, medical industry, oil refining, chemical industry, oil offshore platform, well drilling, shipping industry and so on.

技术参数 Technical Parameters

- ◇ 仪表直径：φ 107mm(4.25寸)
- ◇ 精度等级：1.6%
- ◇ 测量范围：0-0.1~0-100MPa
- ◇ 防护等级：普通IP54，充液IP65
- ◇ 工作环境温度：-20~60℃
- ◇ 工作介质温度：≤100℃
- ◇ 仪表外壳：不锈钢，带有安全隔爆层和安全卸压后盖。充液型顶部充液孔盖在压力范围≤0.6MPa时，为平衡表内部压力可以放开通气。
- ◇ 仪表接头：SUS304(可选SUS316)
- ◇ 波登管：SUS316
- ◇ 仪表机芯：SUS304
- ◇ 仪表玻璃：可选防爆双层安全玻璃
- ◇ 表针：黑色 铝
- ◇ 表盘：铝 白底黑刻度字 MPa(可选bar/psi.....)
- ◇ 连接方式：M20×1.5或约定的特殊要求

- ◇ Diameter:...
- ◇ Accuracy degree: 1.6%(or 1%)
- ◇ Measuring range: 0-0.1~0-100MPa
- ◇ Protection degree: common IP54, liquid-filling IP65
- ◇ Temperature of working environment:-20~60℃
- ◇ Temperature of working media: ≤100℃
- ◇ Gauge case: stainless steel, with safety explosion proof layers and safety pressure relief cover. Liquid-filling hole cover on the top of liquid-filling type can be opened to balance the pressure inside under the outside pressure range of 0.6MPa.
- ◇ Connect of the gauge: SUS304(or SUS316)
- ◇ Bourbon tube: copper alloy, SUS316
- ◇ Machine core of gauge: SUS304
- ◇ Gauge glass: explosion proof double-layer safety glass
- ◇ Gauge indicator: black, aluminum.
- ◇ Index dial: aluminum, black text on a white background MPa(or bar/psi...)
- ◇ Connect type: M20*1.5 or special type for requirement



工作压力及使用范围 Working pressure and scope of application

- ◇ 静压：3/4X满量程
- ◇ 动压：2/3X满量程
- ◇ 瞬时：1.3X满量程
- ◇ Steady: 3/4* full scale value
- ◇ Fluctuating: 2/3* full scale value
- ◇ Short time: 1.3* full scale value

外形尺寸 Dimensions (mm)

