



All stainless steel pressure gauge - Bayonet ring



Application:

- Outdoor and severe ambient and process conditions
- Use where harmful vibration and pulsation are present
- Hydraulic equipment, pressure washers, oil field equipment, pumps, compressors and process systems
- Gaseous, liquid, and corrosive media corrosive environment

Features:

- All stainless steel
- According to EN837-1
- Bayonet ring (Inside or outside)
- Highly corrosion resistant measuring system
- Highest pressure up to 4000bar(for 4", 6")
1600bar for 2.5"

Specifications:

Dial:	2.5", 4", 6", 8", 10"	Case material:	Stainless steel 304, mat or polished
Scale ranges:	-1 to 1000bar	Windows(lens):	Laminated safety glass, temperated glass or pc
Accuracy class:	1.6%(2.5"); 1.0% (4", 6", 8", 10")	Fill:	Glycerin 99.5% or Silicone
Connector:	NPT, BSP, BSPT etc	Temperature:	Ambient : -40 ... +70°C(not filled) -20 ... +70°C(fill glycerin)
Bourdon tube:	316LSS,drawn seamless		Medium : -40 ... +200°C (not filled) -40 ... +100°C (filled oil)
Wetted parts	Stainless steel 304 or		The case temperature must not exceed +70°C
/Socket:	316 or 316L	IP class:	IP 65
Movement:	304SS		
Dial:	Aluminum, white		
Pointer:	Aluminum, black		
Welding:	Laser welding,TIG welding		

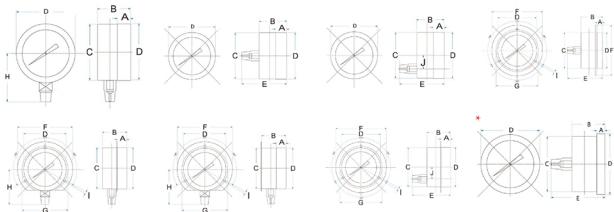
Options:

Micro adjustable pointer (only for 4",6")	Accuracy class 0.6 ((for dial size \geq 4"))
Blow out disc at the back (for 4" & 6")	Connection method: Lasing welding or two split
Restrictor screw \varnothing 0.5 (for fittings $>$ 1/4")	



All stainless steel pressure gauge - Bayonet ring

Dimensions:



Type	Dial Size (inch)	Connection	Bezel Styles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)
2.5-BTM-IBR	2.5	Bottom	Inside Bayonet Ring	13	33	61	63	\	\	\	55±5	\	\
4-BTM-IBR	4	Bottom	Inside Bayonet Ring	18	50	99	101	\	\	\	80±5	\	\
6-BTM-IBR	6	Bottom	Inside Bayonet Ring	18	50	146	150	\	\	\	115±5	\	\
8-BTM-IBR	8	Bottom	Inside Bayonet Ring	18	50	198	202	\	\	\	150±5	\	\
10-BTM-IBR	10	Bottom	Inside Bayonet Ring	18	50	248	252	\	\	\	165±5	\	\
2.5-CBKM-IBR	2.5	Center Back	Inside Bayonet Ring	13	33	61	63	55±5	\	\	\	\	\
4-CBKM-IBR	4	Center Back	Inside Bayonet Ring	18	50	99	101	80±5	\	\	\	\	\
4-LBKM-IBR	4	Lower Back	Inside Bayonet Ring	18	50	99	101	80±5	\	\	\	\	27
2-BTM-IBR	2	Bottom	Outside Bayonet Ring	9	30	51	58	\	\	\	50±5	\	\
2.5-BTM-IBR	2.5	Bottom	Outside Bayonet Ring	11	31	61	69	\	\	\	55±5	\	\
6-CBKM-IBR	2.5	Center Back	Outside Bayonet Ring	11	31	61	69	55±5	\	\	\	\	\
4-LBTM-IBR	6	Lower Back	Outside Bayonet Ring	19	50	148	161	85±5	\	\	\	\	\

Note: 1) E, H is relative to the type 2) We have made kinds of screw thread to orders

Models(bayonet ring):



bottom mounting



center back mounting



bottom mounting with flange



lower back mounting
with u-clamp



lower back mounting
with front flange



lower back mounting
with rear flange



All stainless steel pressure gauge - Crimped ring



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- Use where harmful vibration and pulsation are present
- Hydraulic equipment, pressure washers, oil field equipment, pumps, compressors and process systems
- Gaseous, liquid, and corrosive media corrosive environment

Features:

- All stainless steel
- According to EN837-1
- Crimped ring
- Highly corrosion resistant measuring system
- Highest pressure up to 4000bar(for 4", 6")

1600bar for 2.5"

Specifications:

Dial:	1.5", 2", 2.5", 3", 4"	Case material:	Stainless steel 304, mat or polished
Scale ranges:	-1 to 1000bar	Windows(lens):	PC
Accuracy class:	2.5%(1.5", 2"); 1.6%(2.5", 3"); 1.0% (4")	Fill:	Glycerin 99.5% or Silicone
Connector:	NPT,BSP,BSPT etc	Temperature:	Ambient : -40 ... +70°C(not filled) -20 ... +70°C(fill glycerin)
Bourdon tube:	316LSS,drawn seamless		Medium : -40 ... +200°C (not filled) -40 ... +100°C (filled oil)
Wetted parts	Stainless steel 304 or		The case temperature must not exceed +70°C
/Socket:	316 or 316L	IP class:	IP 65
Movement:	304SS		
Dial:	Aluminum, white		
Pointer:	Aluminum, black		
Welding:	Laser welding,TIG welding		

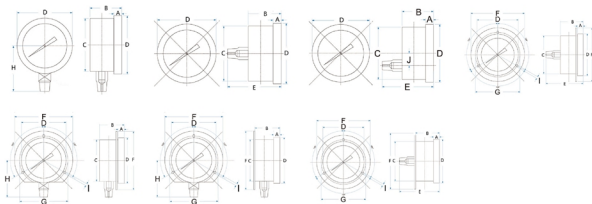
Options:

Micro adjustable pointer (only for 4")	Accuracy class 0.6 ((for dial size \geq 4"))
Blow out disc at the back (for 4")	Connection method: Lasing welding or two split
Restrictor screw \varnothing 0.5 (for fittings $>$ 1/4")	



All stainless steel pressure gauge - Crimped ring

Dimensions:



Type	Dial Size (inch)	Connection	Bezel Styles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)
2-BTM-CR	2	Bottom	Crimped Ring	6	29	52	58	\	\	\	50±5	\	\
2.5-BTM-CR	2.5	Bottom	Crimped Ring	6	30	60	68	\	\	\	55±5	\	\
3-BTM-CR	3	Bottom	Crimped Ring	6	31	73	82	\	\	\	60±5	\	\
3-BTMBF-CR	3	Bottom	Crimped Ring	6	31	73	82	\	104	90	60±5	\	\
4-BTM-CR	4	Bottom	Crimped Ring	9	48	99	109	\	\	\	80±5	\	\
4-BTMBF-CR	4	Bottom	Crimped Ring	9	48	99	109	\	130	115	80±5	4.5	\
1.5-CBKM-CR	1.5	Center Back	Crimped Ring	5	26	41	44	40±5	\	\	\	\	\
2-CBKM-CR	2	Center Back	Crimped Ring	6	29	52	56	50±5	\	\	\	\	\
2.5-LBTM-CR	2.5	Lower Back	Crimped Ring	6	30	60	68	50±5	\	\	\	\	18
2.5-CBKM-FF-CR	2.5	Center Back	Crimped Ring	6	30	60	68	50±5	90	77	\	4.5	\
4-LBKM-CR	4	Low Back	Crimped Ring	8	48	99	108	80±5	\	\	\	\	\

Note: 1) E, H is relative to the type 2) We have made kinds of screw thread to orders

3) F, G, I could be made as OEM based on 500pcs

Models (crimped ring):



bottom mounting bottom mounting with flange center back mounting back mounting with flange



How to order all stainless steel pressure gauge :

	CODE	CHARACTERISTICS									
Basic type	YSM	Stainless steel case - Mat									
	YSP	Stainless steel case - Polished									
Diameter	1.5	1.5"									
	2	2"									
	2.5	2.5"									
	3	3"									
	4	4"									
	6	6"									
	8	8"									
Mounting	10	10"									
	BM	Bottom mounting									
	CBM	Center back mounting									
	LBM	Lower back mounting									
Mounting options	FF	Front flange									
	BF	Back flange									
	UC	U-clamp									
Bezel styles	CR	Crimped ring (1.5", 2", 2.5", 3", 4")									
	OBR	Outside bayonet ring (2", 2.5", 4", 6")									
	IBR	Inside bayonet ring (2.5", 4", 6", 8", 10")									
Wetted parts	304	SS304									
	316	SS316									
	316L	SS316L									
Process Connection	G14	G 1/4									
	G38	G 3/8									
	G12	G 1/2									
	Z14	1/4NPT									
	Z38	3/8NPT									
	Z12	1/2NPT									
	M14	M14x1.5									
Liquid filled	M20	M20x1.5									
	D	DRY									
	G	Glycerin oil 99.5%									
Windows	S	Silicone oil									
	SG	Laminated safety glass (only for bayonet ring)									
	TG	Tempered glass (only for bayonet ring)									
Windows	PC	PC									

Special Requirements additional Information: 1.range:

Order example:

	YSM	4	BM	IBR	316	Z12	S	SG
Stainless steel mat case pressure gauge								
Diameter size 4inch								
Bottom mounting								
Bezel styles: Inside bayonet ring								
Wetted parts SS316								
Process Connection 1/2NPT								
Liquid filled silicone oil								
Windows safety glass								

Special requirement: 0-100PSI, micro adjustable pointer