

FEATURES

- Transparent type glass indicator
- High pressure & temperature
- For clear liquids & gas level

APPLICATION

- Petro-chemical plants
- Process & power plants
- Chemical / Fertilizer plants

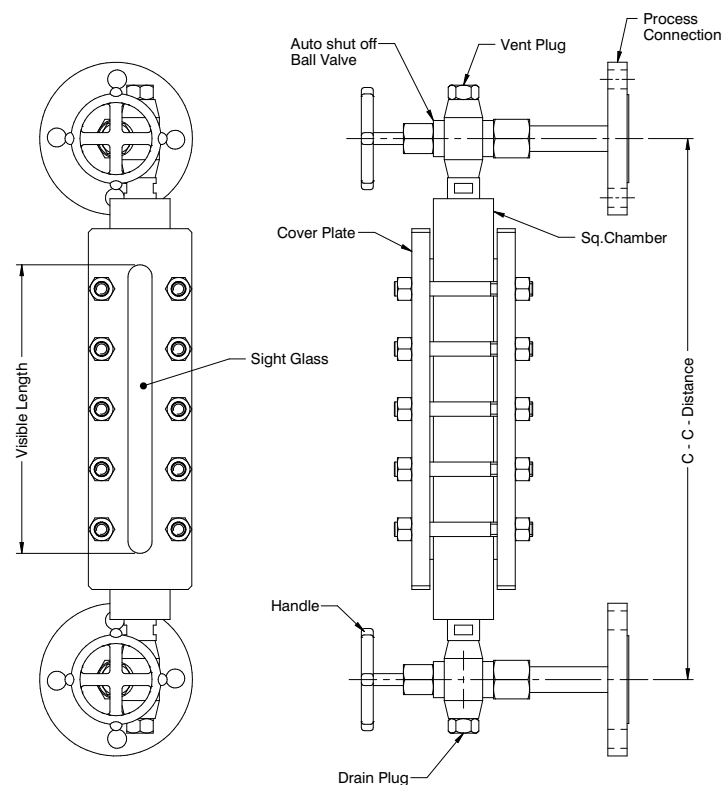
Transparent



STANDARD SPECIFICATIONS

Process connection	:	Threaded / Flanged
Center-to-Center distance	:	350 mm (Min.) up to 6000 mm (Max.)
Visible length	:	± 50 mm to C-C distance
Body material	:	ASTM A105 (Carbon Steel)
Mounting	:	Side/Side
Scale material	:	Aluminum (Standard) , AISI 304 SS (Optional)
Glasses	:	Toughened Borosilicate Glass, Reflex type
Gaskets	:	Compressed Asbestos Fibre (CAF)
Max. operating temperature	:	120°C
Max. operating pressure	:	10...50 bar
Vent / Drain connection	:	1/2" NPTF, plugged
Auto shut-off ball valve	:	Screwed Bonnet type

DIMENSIONAL DRAWING



All dimensions are in mm.

APPROVALS



ORDERING CODES

1. WETTED PARTS

MB	ASTM A105 (Carbon Steel)
MC	AISI 304 SS
MF	AISI 316 SS

MB

2. COVER PLATES

MB	ASTM A105 (Carbon Steel)
MC	AISI 304 SS
MF	AISI 316 SS

MB

3. GLASSES

B	Borosilicate (P=20bar / T=120°C)
I	ILMADUR make (P=35bar / T=240°C)
K	KLINGER make (P=65bar / T=400°C)

B

4. GASKETS

RC	Compressed Asbestos Fibre (CAF)
RD	Grafoil
RE	PTFE

RC

5. VENT CONNECTION

E41	Plug (1/2" NPTM)
E42	Plug (3/4" NPTM)
E43	Plug (1" NPTM)
E44	Needle Valve (1/2" NPTF)
E46	Ball Valve (1/2" NPTF)
A31	2" RF 150# as per ANSI B 16.5
A43	3" RF 150# as per ANSI B 16.5
A49	4" RF 150# as per ANSI B 16.5

E41

6. DRAIN CONNECTION

E41	Plug (1/2" NPTM)
E42	Plug (3/4" NPTM)
E43	Plug (1" NPTM)
E44	Needle Valve (1/2" NPTF)
E46	Ball Valve (1/2" NPTF)
A31	2" RF 150# as per ANSI B 16.5
A43	3" RF 150# as per ANSI B 16.5
A49	4" RF 150# as per ANSI B 16.5

E41

7. PROCESS CONNECTION

14N	1/2" NPT (M)
15N	3/4" NPT (M)
14B	1/2" BSP (M)
15B	3/4" BSP (M)
16N	1" NPT (M)
18N	2" NPT (M)
16B	1" BSP (M)
16B	2" BSP (M)
A31	2" RF 150# as per ANSI B 16.5
A43	3" RF 150# as per ANSI B 16.5
A49	4" RF 150# as per ANSI B 16.5
A32	2" RF 300# as per ANSI B 16.5
A44	3" RF 300# as per ANSI B 16.5
A50	4" RF 300# as per ANSI B 16.5

A31

8. VISIBLE LENGTH

XXXX	250 mm up to 6,000 mm
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1500

9. SCALE

XP	Aluminum scale
XQ	AISI 304 SS scale

XP

10. OTHER OPTIONS

0	Ball Valve, bolted bonnet type
C	Anti-Frost protection
D	Illuminator with Diffuser - WP ⁴
E	Illuminator with Diffuser - FP ⁵
F	Illuminator with Diffuser - EP ⁶
XF	Tag plate, AISI 304 SS
TC	Material test certificate 3.1
TP	Performance test certificate
HM	Mating flange

0

Ordering Example : L203-MB-MB-B-RC-E41-E41-A31-1500-XP-0-XF

NOTES:

- For any special requirements, or special connections, please contact factory.
- Wetted parts includes chamber & process connection.
- Indicator shall be supplied as single-piece for length up to 3,500 mm, above that in two-piece construction.
- Weather proof to IP 65
- Flame proof to IIA / IIB + IP 65
- Ex proof to IIC + IP 65