



Level Gauge

Gauge Valve

Sight Flow Indicator

Magnetic Level Gauge

Safety Relief Valves

Chambers

Level Switches



BLISS ANAND



Our Mission Statement

To Develop, manufacturing & market, Field Instruments and Speciality Valves with innovative technology for the Global market, with extra care for customer comforts.

To Build a sustainable, profitable, human value and growth oriented socially responsible corporate through strong and effective systems, committed team and satisfied customer base.

With a modest beginning in 1975 as a trading company in Valves and Fittings, today BLISS ANAND is a leading Indian Field Instrument manufacturer and is striving to be world leader in high quality Process Instrument Products providing cost effective solutions to the customers.

The company has achieved a number of milestones in its history- thanks to the passion, dedication and team work of BLISS family.



Mr. Prem Anand
Chairman
Bliss Anand Group

A Blend of Modern technology and education with hard core human values based culture, creating a new mould of individuals forming an Organisation, entering into the Global Business arena, is a matter of pride for Bliss Anand.

We started our organisation with burning desire to cater to various needs of customer applications through innovative and cost-effective solutions. Bliss Anand has grown to global standards and is competing with developing and developed countries.

The company has achieved a number of milestones in its history- thanks to the passion, dedication and team work of our employees. Field Instrumentation in the global market is slowly shifting to developing countries, due to cost effectiveness and labour intensive processes. I perceive Bliss Anand to be a leading player in Field Instrument manufacturing.

Bliss Anand manufacturing / assembly offices worldwide
for high quality process instrumentation





Glass Level Gauge



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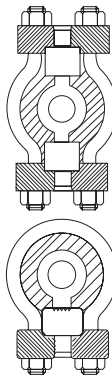
LEVEL GAUGE

GAUGE SERIES

Large Chamber Gauges for easy level reading of boiling liquid

Series L Large Chamber Gauges are designed to give an accurate liquid level reading of liquids that have a tendency to surge or boil. These gauges are highly effective in (1) Reducing the boiling effects of entrained gas being released under lowered pressure (2) The liquid itself being vaporised when pressure reaches a critical low point and (3) Boiling caused by temperature exceeding the boiling point of liquid. When the liquid being gauged has an unusually low boiling point, the gauge and valves should be insulated and the gauge equipped with non-frosting unit. Series L Chamber Gauges are of flat glass reflex or transparent design. The liquid chamber is constructed of heavy tubing, rustproofed and carefully slotted and machined to provide plain seats for the gaskets and glass assemblies.

SERIES - 'L'



PRESSURE-TEMPERATURE RATINGS

Temp°C	Number of Window (Max. Pressure in Bars)								
	1	2	3	4	5	6	7	8	9

Transparent										
40°	83	77	70	64	59	53	47	41	35	
150°	66	61	57	52	47	43	38	29	25	
260°	50	47	44	40	36	33	29	25	22	
400°	30	28	27	24	22	20	18	16	14	

Reflex										
40°	165	155	145	134	124	113	103	93	83	
150°	141	132	124	116	106	99	90	82	73	
260°	117	110	103	96	90	84	77	70	64	
400°	89	82	77	73	69	65	60	56	53	

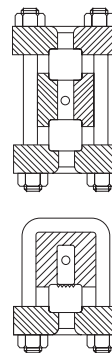
A General Purpose Gauge for Mid-Range Pressure Temperature Applications

Standard construction includes a solid one-piece chamber machined from carbon steel with covers, toughened glass and chrome - molybdenum bolts and nuts.

All metal parts are rustproofed. Recessed gasket seat prevent movement and insure leak-free service.

Series 20 gauges are also available in a wide variety of materials to meet specific corrosive or extreme temperature conditions. They are also available with illuminators, non-frosting shields, heating tubes and brackets.

SERIES - 'M'



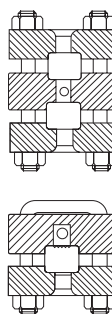
Transparent										
40°	138	128	121	110	104	93	86	76	69	
150°	122	115	107	100	92	84	76	69	62	
260°	106	100	93	86	80	72	66	59	52	
400°	76	73	69	62	59	52	48	42	38	

Reflex										
40°	206	200	188	180	172	162	153	145	138	
150°	183	175	168	160	152	144	136	129	121	
260°	156	149	142	135	128	121	114	107	100	
400°	114	110	103	97	90	86	80	72	69	

A Heavy Duty Gauge for safe, dependable service

Heavy-duty Series H Gauges are available in both reflex and transparent types. These Gauges are designed and manufactured to highest industrial standards. Their dependability under difficult operating conditions is well known in the process industries. Series H Gauges have a one-piece liquid chamber machined from solid bar steel. Interchangeable sectional gauges and cover glasses are tightly locked over the liquid chamber with special bolts and nuts. Recessed gasket seats have a fine finish to provide a positively leak proof seal between the chamber and glass. All metal surface inside and outside including threaded areas are rustproof.

SERIES - 'H'



Transparent										
40°	207	200	190	180	172	164	155	145	138	
150°	192	176	169	161	155	146	138	131	122	
260°	161	155	150	142	133	128	121	114	106	
400°	117	111	107	102	97	93	87	80	76	

Reflex										
40°	276	266	259	248	242	229	222	213	207	
150°	248	239	231	224	215	207	199	192	184	
260°	212	204	198	190	185	177	170	162	156	
400°	159	153	148	142	138	131	126	119	114	

SERIES 10-L**PROCESS GAUGES**

Large Chamber Gauges for easy level reading of boiling liquids

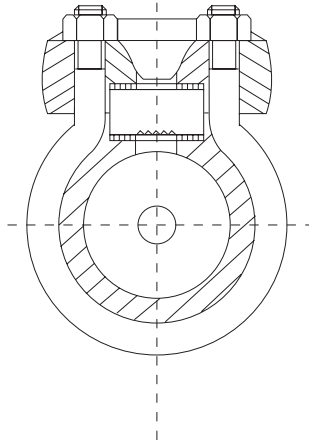
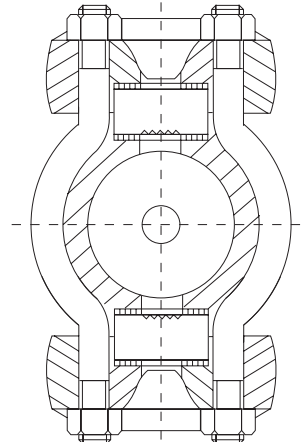
Series 10 Large Chamber Gauges are designed to give an accurate liquid level reading of liquids that have a tendency to surge or boil.

These gauges are highly effective in:

- 1) Reducing the boiling effects of entrained gas being released under lowered pressure.
- 2) The liquid itself being vaporised when pressure reaches a critical low point.
- 3) Boiling caused by temperature exceeding the boiling point of liquid.

When the liquid being gauged has an unusually low boiling point the gauge and valves should be insulated and the gauge equipped with non-frosting unit. Large chamber gauges are of flat glass Reflex or Transparent design. The Liquid Chamber is constructed of heavy tubing, rustproofed and carefully slotted and machined to provide plain seats for the gaskets and glass assemblies.

Cover are steel secured with specially designed bolts.

Series: R-10 (Reflex)**Series: T-10 (Transparent)****LENGTHS:**

Series 10 gauges are available in nine standard visible glass lengths. Multiple Windows on a single piece liquid chamber are used for longer lengths.

CONNECTIONS:

Standard Connections are 1/2" NPT or 3/4" NPT.

LIQUID CHAMBERS:

Heavy tubing gasket seats are machined on the face of the chamber and assembly torque are designed to prevent sideways movement of gasket. Rustproofed.

COVERS:

Rustproofed steel.

SPECIAL MATERIALS:

Materials to suit NACE applications, other special materials available on request.

BOLTS & NUTS:

Chrome molybdenum alloy steel bolts heat treated for strength and rustproof to provide maximum corrosion resistance.

TOUGHENED GLASS:

Toughened glass, resistant to thermal and mechanical shock. It is a tough, durable, moulded glass made under carefully controlled manufacturing techniques, in accordance with BS 3463, DIN 7081. Mica or plastic shields are recommended for transparent glasses when handling caustic, hydrofluoric acid or other media corrosive to glass.

GASKETS:

Die cut from highest quality material best suited for use with liquid indicated.



SERIES 10-L

LEVEL GAUGE

PROCESS GAUGES

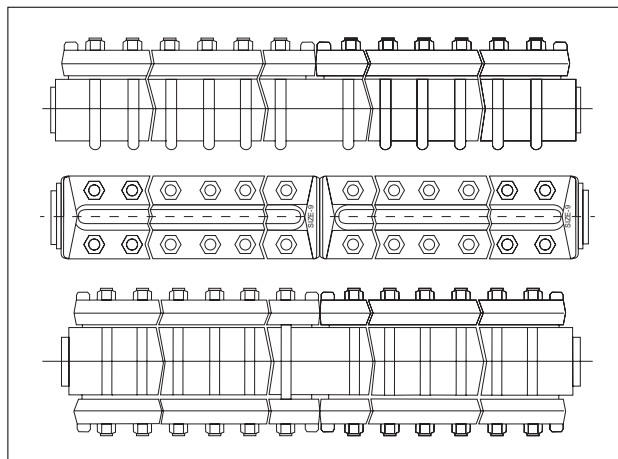
Large Chamber Gauges for easy level reading of boiling liquids

PRESSURE-TEMPERATURE CHART FOR REFLEX GAUGES									
Series R-10	Size Number of Window								
Temp°C	1	2	3	4	5	6	7	8	9
	Pressure (Bar)								
40°	165	155	145	134	124	113	103	93	83
95°	153	144	135	125	115	106	97	87	78
150°	141	132	124	116	106	99	90	82	73
205°	128	120	113	105	98	91	83	76	69
260°	117	110	103	96	90	84	77	70	64
316°	105	99	93	87	82	76	70	64	59

PRESSURE-TEMPERATURE CHART FOR TRANSPARENT GAUGES									
Series T-10	Size Number of Window								
Temp°C	1	2	3	4	5	6	7	8	9
	Pressure (Bar)								
40°	83	77	70	64	59	53	47	41	35
95°	75	69	64	58	52	47	42	37	31
150°	66	61	57	52	47	43	38	29	25
205°	59	55	50	46	42	37	33	29	25
260°	50	47	44	40	36	33	29	25	22
316°	43	39	37	33	30	28	25	22	19

FLANGES GAUGES TAKE FLANGE RATINGS WHEN LOWER

NOTE: RATING SHOWN ARE FOR OUR STANDARD CARBON STEEL, AND TYPE 316 STAINLESS STEEL CONSTRUCTIONS.
FOR OTHER MATERIALS CONTACT BLISS ANAND



SERIES 20-M**PROCESS GAUGES**

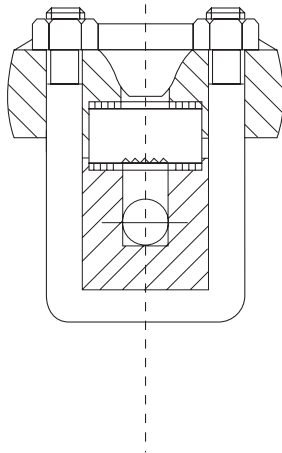
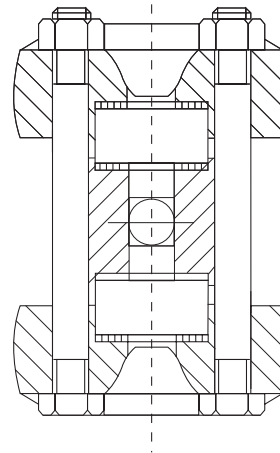
A General Purpose Gauge for Mid-Range pressure temperature applications.

Series 20 Liquid Gauges have been proven dependable and safe on thousands of installation.

Standard Construction includes a solid one- piece chamber machined from carbon steel with covers, toughened glass and chrome molybdenum bolts and nuts.

All metal parts are rustproofed. Recessed gasket seat prevent movement and insure leak-free service.

Series 20 gauges are also available in a wide variety of materials to meet specific corrosive or extreme temperature conditions.

Series: R-20 (Reflex)**Series: T-20 (Transparent)****LENGTHS:**

Series 20 Gauges are available in nine standard visible glass lengths. Multiple windows on a single piece liquid chamber are used for longer lengths.

CONNECTIONS:

Standard Connections are 1/2" NPT or 3/4" NPT.

LIQUID CHAMBERS:

Machined from solid bar stock of cold rolled carbon steel. Perfectly machined gasket seats prevent movement of gasket and insure leakproof performance. Rustproofed.

COVERS:

Rustproofed steel.

SPECIAL MATERIALS:

Materials to suit NACE applications, other special materials available on request.

BOLTS & NUTS:

Chrome molybdenum alloy steel bolts heat treated for strength and rustproofed to provide maximum corrosion resistance.

TOUGHENED GLASS:

Toughened glass, resistant to thermal and mechanical shock. It is a tough, durable, moulded glass made under carefully controlled manufacturing techniques, in accordance with BS 3463, DIN 7081. Mica or plastic shields are recommended for transparent glasses when handling caustic, hydrofluoric acid or other media corrosive to glass.

GASKETS:

Die cut from highest quality material best suited for use with liquid indicated.



SERIES 20-M

PROCESS GAUGES

A General Purpose Gauge for Mid-Range pressure temperature applications.

LEVEL GAUGE

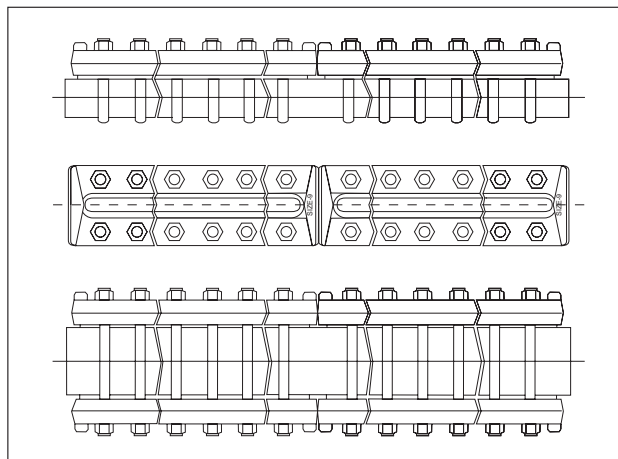
PRESSURE-TEMPERATURE CHART FOR REFLEX GAUGES									
Series R-20	Size Number of Window								
Temp°C	1	2	3	4	5	6	7	8	9
	Pressure (Bar)								
40°	206	200	188	180	172	162	153	145	138
95°	195	188	179	170	162	153	144	138	131
150°	183	175	168	160	152	144	136	129	121
205°	170	162	155	147	140	133	125	118	111
260°	156	149	142	135	128	121	114	107	100
316°	140	134	128	121	115	107	102	95	90

PRESSURE-TEMPERATURE CHART FOR TRANSPARENT GAUGES									
Series T-20	Size Number of Window								
Temp°C	1	2	3	4	5	6	7	8	9
	Pressure (Bar)								
40°	138	128	121	110	104	93	86	76	69
95°	121	123	115	107	99	90	81	73	66
150°	122	115	107	100	92	84	76	69	62
205°	116	109	101	93	86	79	72	64	59
260°	106	100	93	86	80	72	66	59	52
316°	93	88	81	76	70	64	59	52	47

FLANGES GAUGES TAKE FLANGE RATINGS WHEN LOWER

NOTE: RATING SHOWN ARE FOR OUR STANDARD CARBON STEEL, AND TYPE 316 STAINLESS STEEL CONSTRUCTIONS.

FOR OTHER MATERIALS CONTACT BLISS ANAND



SERIES 30-H**PROCESS GAUGES**

A Heavy Duty Gauge for safe, dependable service

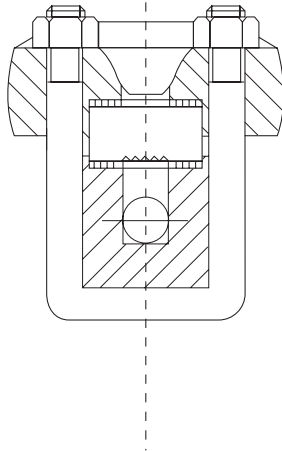
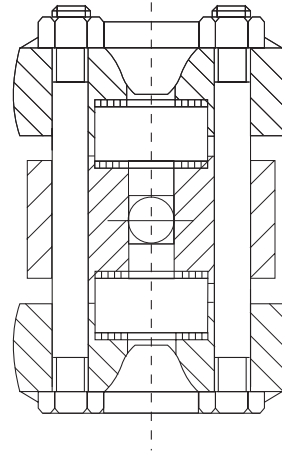
Heavy-duty Series 30 Gauges are available in both Reflex and Transparent types.

These Gauges are designed and manufactured to highest industrial standards. Their dependability under difficult operating conditions is well known in the process industries.

Series 30 Gauges have a one-piece liquid chamber machined from solid bar steel. Interchangeable sectional gauges covers a glasses are tightly locked over the liquid chamber with special bolts and nuts.

Recessed gasket seats have a fine finish to provide a positively leak proof seal between the chamber and glass.

All metal surface inside and out, including threaded areas, are rustproofed.

Series: R-30 (Reflex)**Series: T-30 (Transparent)****LENGTHS:**

Series 30 Gauges are available in nine standard visible glass lengths. Multiple windows on a single piece liquid chamber are used for longer lengths.

CONNECTIONS:

Standard Connections are 1/2" NPT or 3/4" NPT.

LIQUID CHAMBERS:

Machined from solid bar stock of cold rolled carbon steel. Perfectly machined gasket seats prevent movement of gasket and insure leakproof performance. Rustproofed.

COVERS:

Rustproofed steel.

SPECIAL MATERIALS:

Materials to suit NACE applications, other special materials available on request.

BOLTS & NUTS:

Chrome molybdenum alloy steel bolts heat treated for strength and rustproofed to provide maximum corrosion resistance.

TOUGHENED GLASS:

Toughened glass, resistant to thermal and mechanical shock. It is a tough, durable, moulded glass made under carefully controlled manufacturing techniques, in accordance with BS 3463, DIN 7081. Mica or plastic shields are recommended for transparent glasses when handling caustic, hydrofluoric acid or other media corrosive to glass.

GASKETS:

Die cut from highest quality material best suited for use with liquid indicated.



SERIES 30-H

PROCESS GAUGES

A Heavy Duty Gauge for safe, dependable service

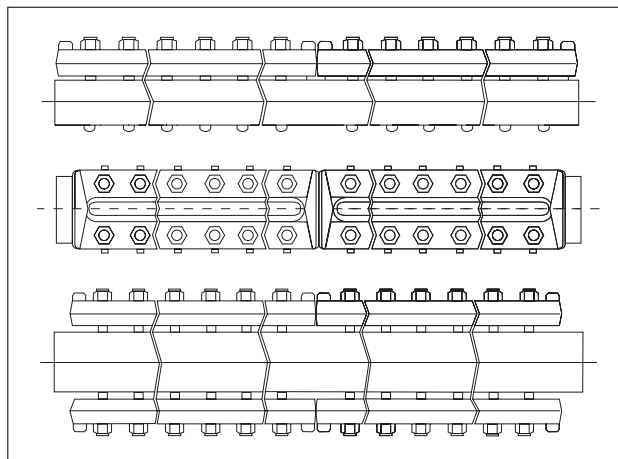
LEVEL GAUGE

PRESSURE-TEMPERATURE CHART FOR REFLEX GAUGES									
Series R-30	Size Number of Window								
Temp°C	1	2	3	4	5	6	7	8	9
	Pressure (Bar)								
40°	276	266	259	248	242	229	222	213	207
95°	262	254	247	236	229	221	213	206	197
150°	248	239	231	224	215	207	199	192	184
205°	229	221	214	207	200	192	185	177	170
260°	212	204	198	190	185	177	170	162	156
316°	192	186	179	172	166	160	153	147	141

PRESSURE-TEMPERATURE CHART FOR TRANSPARENT GAUGES									
Series T-30	Size Number of Window								
Temp°C	1	2	3	4	5	6	7	8	9
	Pressure (Bar)								
40°	207	200	190	180	172	164	155	145	138
95°	197	191	181	172	162	156	147	140	131
150°	192	176	169	161	155	146	138	131	122
205°	174	166	160	152	145	137	131	121	116
260°	161	155	150	142	133	128	121	114	106
316°	142	135	129	124	119	113	105	100	93

FLANGES GAUGES TAKE FLANGE RATINGS WHEN LOWER

NOTE: RATING SHOWN ARE FOR OUR STANDARD CARBON STEEL, AND TYPE 316 STAINLESS STEEL CONSTRUCTIONS.
FOR OTHER MATERIALS CONTACT BLISS ANAND





TUBULAR GAUGES U

TUBULAR GAUGES

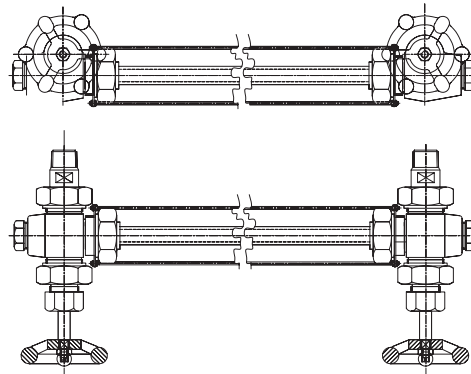
Tubular Glass Gauges for low pressure process and boiler drum application.

Tubular Glass Level Gauges comprise a length of 19mm outside diameter drawn borosilicate glass tube fitted each end with an offset isolating valve to permit connection to a vessel.

The series 56 isolating valves have a specially designed gland assembly for positive sealing onto the glass tube without imposing stress.

Lengths: Any single glass up to and including 200mm vessel centres. Longer lengths available on request.

- Visible length - centre to centre distance minus 143mm
- Glass tube length - centre to centre distance minus 61mm



ISOLATING VALVE MATERIALS SERIES 56

VALVE BODY: Machined from carbon steel forging.

VALVE BONNET: Union type bonnet machined from carbon steel.

VALVE TRIM: Renewable seat, plug / spindle and ballcheck manufactured in 316 stainless steel.

HANDWHEEL/LEVER: Ductile iron.

PACKING: Spindle packing, multi ring non-asbestos compatible with service. Glass gland packing, rubber/PTFE.

CARBON STEEL PARTS: Are rustproofed to provide maximum corrosion resistance.

SPECIAL MATERIALS: Available to suit NACE specification MR-01-75 and/or specific liquid services.

Pressure rating: Maximum permitted working pressure varies with length - refer to table below:

Single Glass length (mm)	Maximum working pressure for:	
	Temp upto 65°C with no corrosion BARS	Steam boiler services upto 218°C BARS
200	29.3	20.6
250	28.3	20.6
300	27.6	20.6
350	26.6	20.0
400	25.6	19.3
450	24.6	18.9
500	23.8	18.3
600	21.7	17.2

Gauges with glass lengths up to 600mm are suitable for Steam Boiler application when installed in accordance with the requirement of British Standard BS 759.



TUBULAR GAUGES U

TUBULAR GAUGES

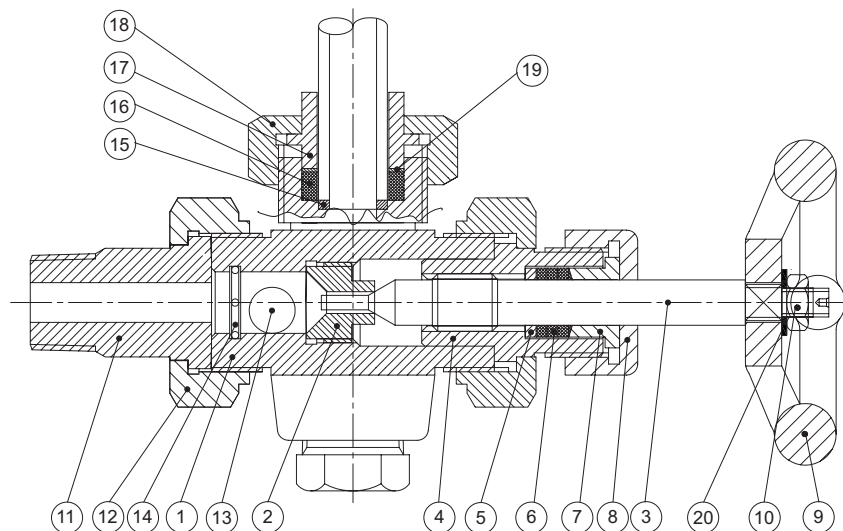
Tubular Glass Gauges for low pressure process and boiler drum application.

LEVEL GAUGE

OPTIONAL FEATURES AND ACCESSORIES

Guard-Rod Protectors: Four (4) guard rods and holders to protect glass from mechanical shock is standard. Box type sheet metal protector is optional.

Safety Ballcheck: Valves can be furnished with a ballcheck for pressurized and vacuum service to provide positive isolation of liquid in the event of glass breakage.



SERIES-56 VALVE

PART NO.	PART NAME	QTY	STD MATERIAL	PART NO.	PART NAME	QTY	STD MATERIAL
1	VALVE BODY	1	STEEL	11	TAILPIECE	1	STEEL
2	SEAT	1	316 SS	12	NUT-SLEEVE. TAILPIECE	1	STEEL
3	STEM	1	410 SS	13	BALL CHECK	1	316 SS
4	SLEEVE	1	STEEL	14	BALL CHECK STOP	1	316 SS
5	PACKING RING	1	STEEL	15	RING GLASS TOP	1	STEEL
6	PACKING	4	GRAPHITE	16	PACKING	1	BUNA-N
7	GLAND	1	STEEL	17	GLAND GLASS	1	STEEL
8	NUT-GLAND	1	STEEL	18	NUT GLAND	1	STEEL
9	HANDWHEEL	1	DUCTILE IRON	19	GASKET	1	PTFE
10	NUT-STEM	1	STEEL	20	RATING TAG	1	SS 304



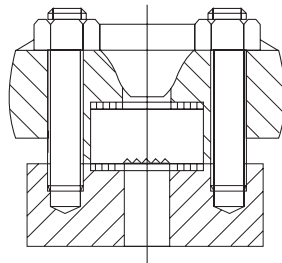
PROCESS GAUGES

Flat Glass Liquid Level Gauges designed to become an Integral part of the vessel

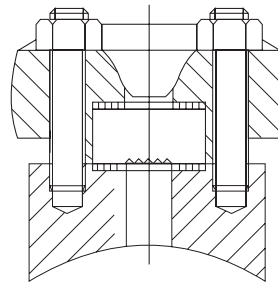
Weld pad Gauges are used where conventional gauge and valve construction is impractical, e.g. because of solid matter in suspension, when thermal error due to piping to a gauge glass can not be tolerated, or where space restrictions suggest their use.

They are available in most standard sizes, with both Reflex and Transparent glasses. Reflex glasses are used where liquid level reading is the only requirement. Transparent gauges are usually used where there is also a requirement to see into the vessel or, with gauges installed on each side, through the vessel (e.g. interface applications.)

Series: W-20 (Flat Back)



Series: W-20 (Radiused Back)



LENGTHS:

Weld pad Gauges are available in nine standard visible glass lengths. Longer lengths can be achieved either by having multiple windows on a single piece or having several overlapping individual gauges (giving continuous visible length).

INSTALLATION:

The weld pad body is welded to the vessel after cutting a slot, or holes, in the vessel wall to match the slot in the gauge body.

PRESSURE LOADS:

Weld pad gauges will withstand loading due to the service pressure, but they are not designed to replace the vessel strength lost when the

vessel wall is cut. The vessel wall provides suitable vessel wall reinforcement to prevent distortion during cutting, installation and operation.

GAUGE BODY:

Machined from solid bar stock of cold rolled carbon steel rustproofed.

COVERS:

Rustproofed steels.

BOLTS & NUTS:

Chrome molybdenum alloy steel bolts heat treated for strength and rustproofed.

TOUGHENED GLASS:

Toughened glass, resistance to thermal and mechanical shock. It is tough, durable, moulded glass made under carefully controlled manufacturing techniques, in accordance with BS 3463, DIN 7081. Mica or plastic shields are recommended for transparent glasses when handling caustic, hydrofluoric acid or other media corrosive to glass.

GASKETS:

Die cut from highest quality material best suited for use with liquid indicated.

SPECIAL MATERIALS:

Materials to suit NACE applications, other special materials available on request.



WELD PAD **W**

PROCESS GAUGES

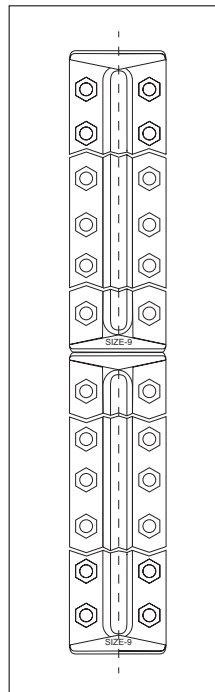
Flat Glass Liquid Level Gauges designed to become an Integral part of the vessel

LEVEL GAUGE

PRESSURE-TEMPERATURE CHART FOR WELD PAD GAUGES									
Series W-20	Size Number of Window								
Temp°C	1	2	3	4	5	6	7	8	9
	Pressure (Bar)								
40°	207	200	190	180	172	164	155	145	138
95°	197	191	181	172	162	156	147	140	131
150°	192	176	169	161	155	146	138	131	122
205°	174	166	160	152	145	137	131	121	116
260°	161	155	140	142	133	128	121	114	106
316°	142	135	159	124	119	113	105	100	93

RATING SHOWN ARE FOR OUR STANDARD CARBON STEEL, AND TYPE 316 STAINLESS STEEL CONSTRUCTION.

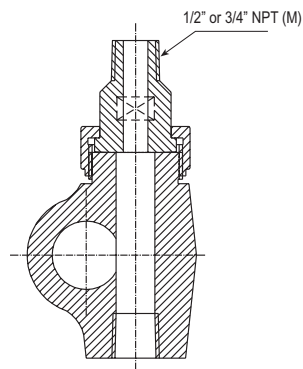
NOTE: It is the responsibility of the tank designer to determine the strength requirement of the method of attachment of the gauge to the tank.



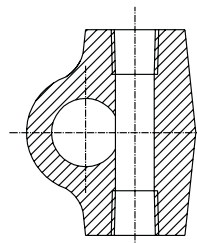


LEVEL GAUGE

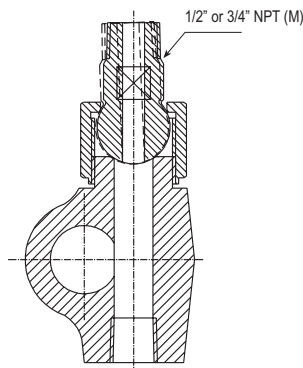
GAUGE CONNECTION OPTIONS



PLAIN UNION (M)



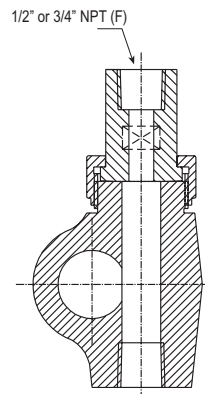
PLAIN NIPPLE SCREWED



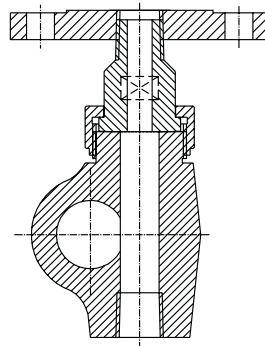
SPHERICAL UNION (M)

LEVEL GAUGE

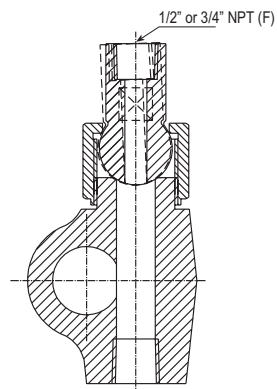
GAUGE CONNECTION OPTIONS



PLAIN UNION (F)



FLANGED



SPHERICAL UNION (F)



LEVEL GAUGE

SPECIAL VISIBLE LENGTH CHART

S. NO	Visible Length	NO. OF SECTIONS USED			S. NO	Visible Length	NO. OF SECTIONS USED		
		340mm	280mm	250mm			340mm	280mm	250mm
1	230	0	0	1	28	1340	3	1	0
2	260	0	1	0	29	1370	0	2	3
3	320	1	0	0	30	1400	4	0	0
4	500	0	0	2	31	1430	0	4	1
5	530	0	1	1	32	1460	0	5	0
6	560	0	2	0	33	1490	2	0	3
7	590	1	0	1	34	1520	1	4	0
8	620	1	1	0	35	1550	2	2	1
9	680	2	0	0	36	1580	2	3	0
10	770	0	0	3	37	1610	3	1	1
11	800	0	1	2	38	1640	3	2	0
12	830	0	2	1	39	1670	4	0	1
13	860	0	3	0	40	1700	4	1	0
14	890	1	1	1	41	1730	0	5	1
15	920	1	2	0	42	1760	5	0	0
16	950	2	0	1	43	1790	1	4	1
17	980	2	1	0	44	1820	2	2	7
18	1040	3	0	0	45	1850	3	0	3
19	1070	0	1	3	46	1880	2	4	0
20	1100	0	2	2	47	1910	3	2	1
21	1130	0	3	1	48	1940	3	3	0
22	1160	0	4	0	49	1970	4	1	1
23	1190	1	2	1	50	2000	4	2	0
24	1220	1	3	0	51	2030	5	0	1
25	1250	2	1	1	52	2060	5	1	0
26	1280	2	2	0	53	2120	6	0	0
27	1310	3	0	1					



LEVEL GAUGE

STANDARD VISIBLE LENGTH CHART

DIMENSIONS & WEIGHTS SERIES 20

SIZE NO	VISIBLE LENGTH	NORMAL LENGTH	WEIGHT	
			REFLEX	TRANS.
11*-20	95	133	3.6	5.5
12*-20	121	159	4.1	6.4
13*-20	146	210	5.0	7.7
14*-20	171	235	5.5	7.7
15*-20	200	264	6.4	9.5
16*-20	232	295	7.3	10.9
17*-20	260	324	8.0	12.3
18*-20	302	365	9.1	13.6
19*-20	321	384	9.5	14.5
23*-20	330	394	10.0	15.0
24*-20	381	445	11.4	17.3
25*-20	438	502	12.7	19.5
26*-20	502	565	14.5	22.2
27*-20	559	622	15.9	24.5
28*-20	641	705	18.2	27.7
29*-20	679	743	19.5	29.0
36*-20	772	835	21.8	33.0
37*-20	857	921	24.0	36.3
38*-20	981	1045	27.2	41.7
39*-20	1038	1102	29.0	44.0
47*-20	1156	1219	31.8	48.5
48*-20	1321	1384	36.3	55.4
49*-20	1397	1461	38.5	58.5
57*-20	1454	1518	39.6	60.8
58*-20	1661	1724	45.5	69.0
59*-20	1756	1819	48.0	73.1
68*-20	2000	2064	55.1	82.6
69*-20	2115	2178	57.5	87.7
78*-20	2340	2403	65.5	96.2
79*-20	2473	2537	67.0	102.3
88*-20	2680	2743	74.7	109.8
89*-20	2832	2896	78.4	116.9
98*-20	3020	3083	83.8	123.4
99*-20	3191	3229	87.5	125.4

*- Replace with 'R' for Reflex or 'T' for Transparent

All Dimensions in millimeters.

All weights are in kilograms.

All information stated above is approximate and is given for Guidance only.

Support brackets are provided on all gauges consisting of 5 sections or more.



LEVEL GAUGE

OPTIONAL ACCESSORIES

BLISS ANAND Supplies variety of accessories with Level Gauges, on request.

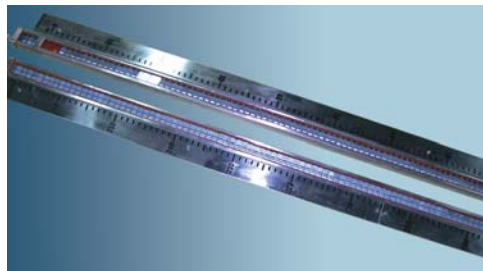
1. Illuminator:

Transparent level gauge are supplied with illuminator both explosion proof and weather proof.



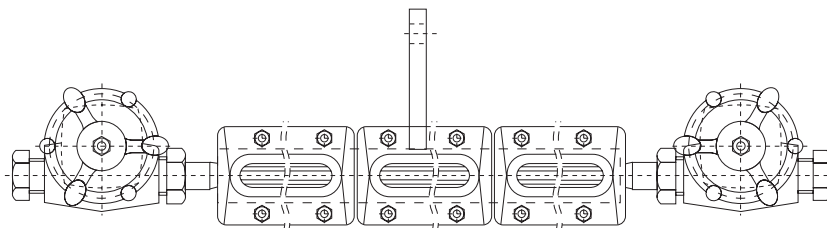
2. Scales:

Metallic engraved scale can be supplied with desired graduation.



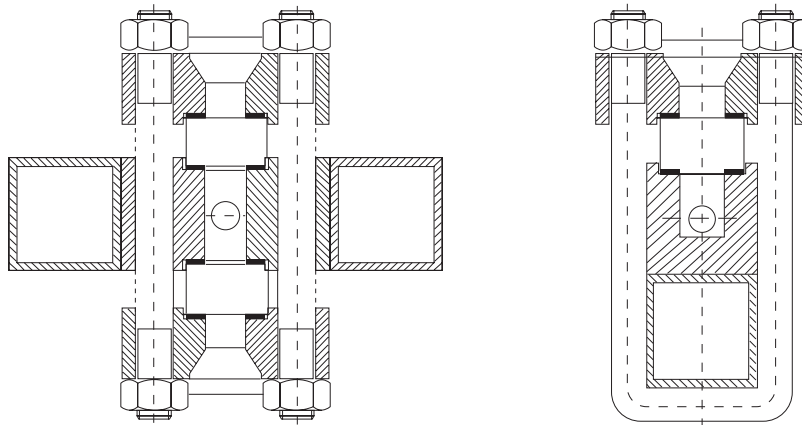
3. Support Brackets:

Support brackets are recommended when the overall gauge lengthy exceeds 1.5 meters.



4. Heating jacket:

Heating jackets can be provided for process gauge both for reflex and transparent types.



5. Non-Frosting Shield:

Non-frosting Shields supplied for sub zero application for both Reflex and transparent type level gauges.





BLISS ANAND

CORPORATE OFFICE:

BLISS ANAND PRIVATE LIMITED

92 B & 93 B, Sector - 5, IMT Manesar,
Gurgaon, Haryana - 122050 (INDIA)
Ph. : + 91 124 4366000-09 (10 Lines)
Fax : + 91 124 2290884
e-mail : sales@blissanand.com

BLISS ANAND PRIVATE LIMITED

Global Engg. Solution FZCO
P. O. Box: 18576, RA 08, WF 04,
Jebel Ali Free Zone, Dubai, U.A.E.
Ph. : +971 4 883 56 33
Fax : + 971 4 883 56 44
e-mail : gages@eim.ae

BLISS ANAND PRIVATE LIMITED

534, Anna Salai, East Coast Centre,
3rd Floor, Opp. Hyatt Regency Hotel,
Teynampet, Chennai - 600 018.
Ph. : 044 24312228
e-mail : chennai@blissanand.com

BLISS ANAND PRIVATE LIMITED

101 A, Yogeshwar Appt. 18/A,
Nutan Bharat Society, Alkapuri,
Vadodara - 390 007
Ph. : +91 (265) 3931963
e-mail : sales.guj@blissanand.com

BLISS ANAND PRIVATE LIMITED

The Great Eastern Chambers,
Premises Cooperative Society Ltd.
A-117, 1st floor, Plot No. 28, Sector -11,
CBD- Belapur, Navi Mumbai-400 614.
Ph. : +91 022 27562372
Fax : +91 022 27562367
e-mail : mumbai@blissanand.com

GLOBAL ENGG. SOLUTIONS KAZAKHSTAN

Address: P.O.Box: 050012, Office: 211,
Second Floor, Business Center "Altyn Gasyr",
Almaty city, Kazakhstan.
Ph. : 007 727 2440464,
Mob : 007 702 1548480
Fax : 007 727 2440464
e-mail : sales.kazakh@blissanand.com

Delhi | Gurgaon | Manesar | Bawal | Mumbai | Vadodara | Coimbatore | Chennai | Dubai | Kazakhstan

www.blissanand.com