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Oil-Rite® CORPORATION
P. O. BOX 1207, MANITOWOC, WI 54221-1207 (920) 682-6173 FAX (920) 682-7699
www.oilrite.com sales@oilrite.com

Level Gages...Steel

TYPICAL APPLICATIONS — Used to indicate level of lubricating oil supply at bearings, gear boxes, crank cases, transformers, switches, etc.
COMPACT DESIGN — Can be installed easily in any location having enough clearance for a one-piece liquid level gage.
SIMPLE INSTALLATION — Square shank with pipe thread screws horizontally or vertically into tapped hole. Options are available for difficult or irregular mountings.
QUALITY-BUILT — Shank body and cap are machined to close tolerance. Sights are clear glass and will withstand a tremendous amount of duress. For a leak-tight seal, Buna-N seals are furnished as standard. Other commercial seal materials are available.
MODIFICATIONS AVAILABLE — If desired, the elbow level gages can be supplied with high or low labels or level markings. In addition to the standard line, many special gages, similar to the ones described here, have been developed for customers' specific applications. Should you have special requirements, our engineering service is available without obligation.

SPECIFICATIONS:

• Pressure	Atmospheric Pressure Sight is Vented
• Temperature	225° F. Max.
• Body	Steel, Plated
• Sight	Gage Glass
• Seals	Buna-N
• Mounting Shank	Steel, Plated

When Ordering Specify:
• Catalog Number

LEAKPROOF CONSTRUCTION — *For a leak - tight seal. Buna-N seals are furnished as standard. Other commercial seal materials are available.*

GLASS SIGHT — *for the steel channel body is extremely tough and will withstand a tremendous amount of duress. Sight is compatible with many chemicals, and it will retain its clarity through various temperature ranges. Several level markings are available on request*

BENEFITS — *To visibly indicate liquid supply level on machinery lubrication and liquid storage systems. The tough steel channel protects sight glass from damage.*

QUICK RESPONSE — *Hollow mounting shank allow liquid to enter the gage, the displaced air is vented back into the atmosphere. These large passages effect quick level responses.*

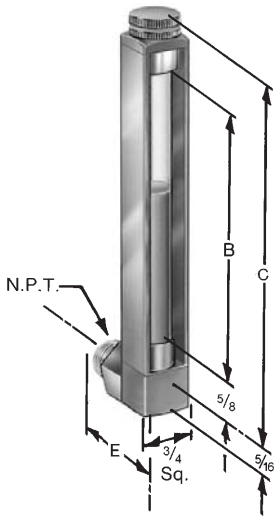
Style OGG

Level Gages...Steel - Short & Long Elbow

SHORT & LONG ELBOW GAGES are made of tough, plated steel bodies which allow visual observation of liquid level and liquid clarity.

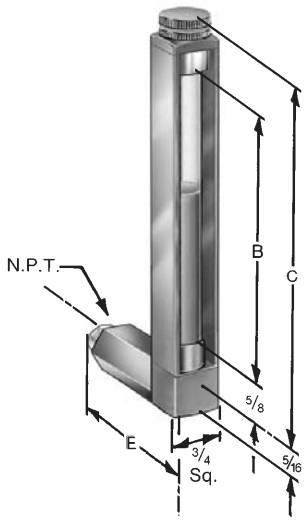
The glass sights are compatible with many chemicals, and they will retain their clarity through various temperature changes. The tough steel channel gage will protect against glass breakage.

The gages are used on tanks, reservoirs, hydraulic equipment, presses, large motor bearings, pillow blocks, and in other applications where it is necessary to guard against a low liquid level.



When Ordering Specify:
- Catalog Number

Short Elbow Catalog Number	N.P.T. Size	B	C	E
B-1603-1	1/8	3/4	2 1/32	1 1/4
B-1603-2	1/4			1 5/16
B-1603-3	3/8			1 3/8
B-1603-5	1/8	1 3/8	2 21/32	1 1/4
B-1603-6	1/4			1 5/16
B-1603-7	3/8			1 3/8
B-1603-9	1/8	2 3/8	3 21/32	1 1/4
B-1603-10	1/4			1 5/16
B-1603-11	3/8			1 3/8
B-1603-13	1/8	3 3/8	4 21/32	1 1/4
B-1603-14	1/4			1 5/16
B-1603-15	3/8			1 3/8
B-1603-18	1/4	4 3/8	5 21/32	1 5/16
B-1603-19	3/8			1 3/8
B-1603-20	1/2			1 3/4
B-1603-22	1/4	5 3/8	6 21/32	1 5/16
B-1603-23	3/8			1 3/8
B-1603-24	1/2			1 3/4
B-1603-26	1/4	7 3/8	8 21/32	1 5/16
B-1603-27	3/8			1 3/8
B-1603-28	1/2			1 3/4
B-1603-30	1/4	9 3/8	10 21/32	1 5/16
B-1603-31	3/8			1 3/8
B-1603-32	1/2			1 3/4
B-1603-34	1/4	12 3/8	13 21/32	1 5/16
B-1603-35	3/8			1 3/8
B-1603-36	1/2			1 3/4



When Ordering Specify:
- Catalog Number

Long Elbow Catalog Number	N.P.T. Size	B	C	E
B-1606-1	1/8	3/4	2 1/16	1 3/4
B-1606-2	1/4			1 13/16
B-1606-3	3/8			1 7/8
B-1606-5	1/8	1 3/8	2 11/16	1 3/4
B-1606-6	1/4			1 13/16
B-1606-7	3/8			1 7/8
B-1606-9	1/8	2 3/8	3 11/16	1 3/4
B-1606-10	1/4			1 13/16
B-1606-11	3/8			1 7/8
B-1606-13	1/8	3 3/8	4 11/16	1 3/4
B-1606-14	1/4			1 13/16
B-1606-15	3/8			1 7/8
B-1606-18	1/4	4 3/8	5 11/16	1 13/16
B-1606-19	3/8			1 7/8
B-1606-20	1/2			2 1/2
B-1606-22	1/4	5 3/8	6 11/16	1 13/16
B-1606-23	3/8			1 7/8
B-1606-24	1/2			2 1/2
B-1606-26	1/4	7 3/8	8 11/16	1 13/16
B-1606-27	3/8			1 7/8
B-1606-28	1/2			2 1/2
B-1606-30	1/4	9 3/8	10 11/16	1 13/16
B-1606-31	3/8			1 7/8
B-1606-32	1/2			2 1/2
B-1606-34	1/4	12 3/8	13 11/16	1 13/16
B-1606-35	3/8			1 7/8
B-1606-36	1/2			2 1/2

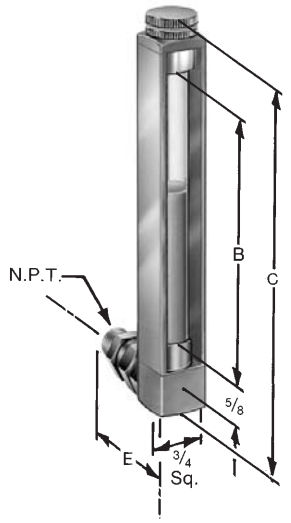
Level Gages...Steel - Union Coupling & Straight

UNION COUPLING GAGES are made for applications requiring horizontal inlets and where clearance from obstructions do not permit rotating the gage for mounting.
STRAIGHT LEVEL GAGES are made for applications requiring vertical inlet and permit direct mounting for quick response of fluid level.

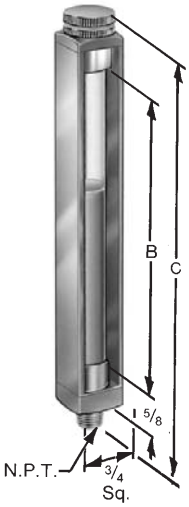
These gages are made of tough, plated steel bodies which allow visual observation of liquid level and liquid clarity.

The glass sights are compatible with many chemicals, and they will retain their clarity through various temperature changes. The tough steel channel gage will protect against glass breakage.

The gages are used on tanks, reservoirs, hydraulic equipment, presses, large motor bearings, pillow blocks, and in other applications where it is necessary to guard against a low liquid level.



When Ordering Specify:
• Catalog Number



When Ordering Specify:
• Catalog Number

Union Coupling Catalog Number	N.P.T. Size	B	C	E
B-1608-1	1/8	3/4	2 31/32	1 3/4
B-1608-2	1/4			2 5/16
B-1608-3	3/8			2 1/2
B-1608-5	1/8	1 3/8	3 19/32	1 3/4
B-1608-6	1/4			2 5/16
B-1608-7	3/8			2 1/2
B-1608-9	1/8	2 3/8	4 19/32	1 3/4
B-1608-10	1/4			2 5/16
B-1608-11	3/8			2 1/2
B-1608-13	1/8	3 3/8	5 19/32	1 3/4
B-1608-14	1/4			2 5/16
B-1608-15	3/8			2 1/2
B-1608-18	1/4	4 3/8	6 19/32	2 5/16
B-1608-19	3/8			2 1/2
B-1608-20	1/2			2 3/4
B-1608-22	1/4	5 3/8	7 19/32	2 5/16
B-1608-23	3/8			2 1/2
B-1608-24	1/2			2 3/4
B-1608-26	1/4	7 3/8	9 19/32	2 5/16
B-1608-27	3/8			2 1/2
B-1608-28	1/2			2 3/4
B-1608-30	1/4	9 3/8	11 19/32	2 5/16
B-1608-31	3/8			2 1/2
B-1608-32	1/2			2 3/4
B-1608-34	1/4	12 3/8	14 19/32	2 5/16
B-1608-35	3/8			2 1/2
B-1608-36	1/2			2 3/4

Straight Catalog Number	N.P.T. Size	B	C
B-1604-1	1/8	3/4	2 13/32
B-1604-2	1/4		2 15/32
B-1604-3	3/8		2 17/32
B-1604-5	1/8	1 3/8	3 1/32
B-1604-6	1/4		3 3/32
B-1604-7	3/8		3 5/32
B-1604-9	1/8	2 3/8	4 1/32
B-1604-10	1/4		4 3/32
B-1604-11	3/8		4 5/32
B-1604-13	1/8	3 3/8	5 1/32
B-1604-14	1/4		5 3/32
B-1604-15	3/8		5 5/32
B-1604-16	1/2		5 9/32
B-1604-18	1/4	4 3/8	6 3/32
B-1604-19	3/8		6 5/32
B-1604-20	1/2		6 9/32
B-1604-22	1/4	5 3/8	7 3/32
B-1604-23	3/8		7 5/32
B-1604-24	1/2		7 9/32
B-1604-26	1/4	7 3/8	9 3/32
B-1604-27	3/8		9 5/32
B-1604-28	1/2		9 9/32
B-1604-30	1/4	9 3/8	11 3/32
B-1604-31	3/8		11 5/32
B-1604-32	1/2		11 9/32
B-1604-34	1/4	12 3/8	14 3/32
B-1604-35	3/8		14 5/32
B-1604-36	1/2		14 9/32

Level Gages...Brass

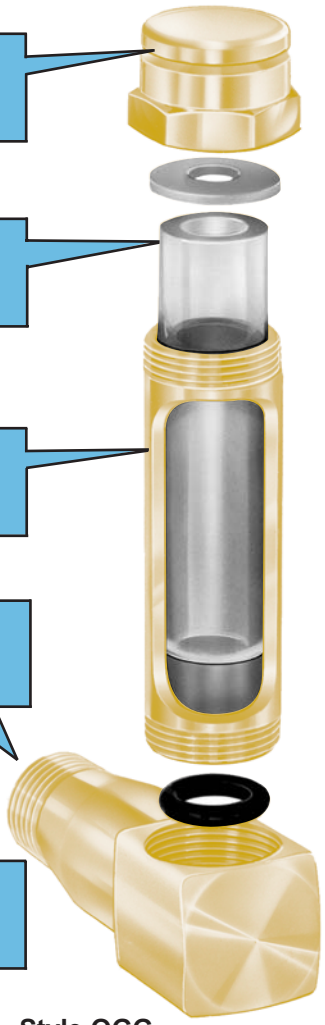
PROTECTED VENT — *The vent hole in cap allows air to communicate with the atmosphere and also minimizes the possibility of dust, dirt or moisture getting inside the gage.*

LEAKPROOF CONSTRUCTION — *The glass sight is mounted between an oil-resistant seal of long-life Buna-N and a Teflon® glass protector.*

REVOLVABLE SHIELDS — *By loosening the cap, the shield can be revolved into the most convenient position for viewing or taken off completely for cleaning.*

QUICK RESPONSE — *Large vent hole and unrestricted passages permit fast, accurate liquid level response to level change in main reservoir.*

BENEFITS — *To visibly indicate liquid supply level on machinery lubrication and liquid storage systems. Brass gages resist rust and corrosion.*



TYPICAL APPLICATIONS — Used to indicate level of lubricating oil supply at bearings, gear boxes, crank cases, transformers, switches, etc.
COMPACT DESIGN — Can be installed easily in any location having enough clearance for a one-piece liquid level gage. Gages can be disassembled for installation in very tight places.
SIMPLE INSTALLATION — Square shank, with pipe thread, screws horizontally or vertically into tapped hole. Options are available for difficult or irregular mountings.
QUALITY-BUILT — Shank body, cylindrical brass shield and cap are machined to close tolerances. Sights are clear, sturdy gage glass. For a leak tight seal, a Buna-N seal and a Teflon® glass protector are furnished. Other commercial seal materials are available on request.
MODIFICATIONS AVAILABLE — If desired, these elbow liquid level gages can be supplied with High or Low labels or level marks. In addition to the standard line, many special gages, similar to the ones described here, have been developed for customer's specific applications. Should you have special requirements, our engineering service is available without obligation.

SPECIFICATIONS:

• Pressure	Atmospheric pressure sight is vented
• Temperature	225° F. Max.
• Body	Brass
• Sight	Gage Glass
• O-Ring	Buna-N
• Washer	Teflon®
• Cap	Brass
• Union Coupling	Steel, Plated

NOTE: Brass gages are offered in two basic glass sight diameters, 1/2" and 5/8" inch. When modifying gage, order standard line gage catalog number along with appropriate option catalog numbers listed below.

When Ordering Specify:
- Brass Gage Catalog Number
- Option Catalog Numbers If Applicable

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Optional Caps

Style OGG

Hinge Lid Catalog Number	Glass Dia.
B-2714-1	1/2
B-2716-1	5/8

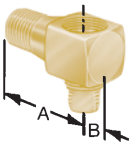
Vented Screw Cap Catalog Number	Glass Dia.
B-2714-2	1/2
B-2716-2	5/8

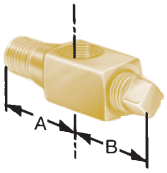
1/4 Female N.P.T. Catalog Number	Glass Dia.
B-2714-3	1/2
B-2716-3	5/8

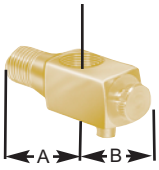
1/4 Male N.P.T. Catalog Number	Glass Dia.
B-2714-4	1/2
B-2716-4	5/8

1/4 O.D. Tube Catalog Number	Glass Dia.
B-2714-5	1/2
B-2716-5	5/8

Optional Bases







Bottom Drain Catalog Number	Glass Dia.	Elbow	NPT Size	A	B
B-2715-1	1/2	Short	1/8	1 1/4	3/8
B-2715-2			1/4		
B-2715-3			3/8		
B-2715-4		Long	1/8	1 3/4	
B-2715-5			1/4		
B-2715-6			3/8		
B-2717-1	5/8	Short	1/4	1 3/4	15/32
B-2717-2			3/8		
B-2717-3			1/2		
B-2717-4		Long	1/4	2 1/2	
B-2717-5			3/8		
B-2717-6			1/2		

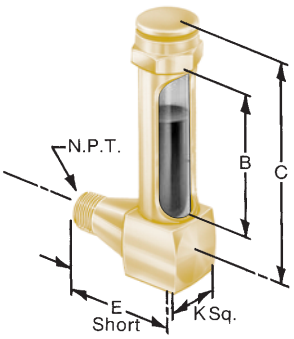
Front Drain Catalog Number	Glass Dia.	Elbow	NPT Size	A	B
B-2715-11	1/2	Short	1/8	1 1/4	1 1/16
B-2715-12			1/4		
B-2715-13			3/8		
B-2715-14		Long	1/8	1 3/4	
B-2715-15			1/4		
B-2715-16			3/8		
B-2717-11	5/8	Short	1/4	1 3/4	7/8
B-2717-12			3/8		
B-2717-13			1/2		
B-2717-14		Long	1/4	2 1/2	
B-2717-15			3/8		
B-2717-16			1/2		

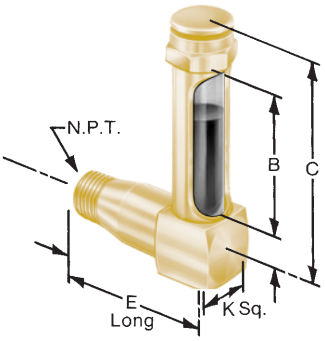
Valve Drain Catalog Number	Glass Dia.	Elbow	NPTS ize	A	B Max.
B-2715-21	1/2	Short	1/8	1 1/4	1 11/16
B-2715-22			1/4		
B-2715-23			3/8		
B-2715-24		Long	1/8	1 3/4	
B-2715-25			1/4		
B-2715-26			3/8		
B-2717-21	5/8	Short	1/4	1 3/4	1 11/16
B-2717-22			3/8		
B-2717-23			1/2		
B-2717-24		Long	1/4	2 1/2	
B-2717-25			3/8		
B-2717-26			1/2		

Level Gages...Brass - Elbow & Union Coupling

SHORT ELBOW BRASS GAGES are for applications requiring horizontal inlets with minimal clearance for mounting.

LONG ELBOW BRASS GAGES are for applications requiring horizontal inlets which need additional clearance.

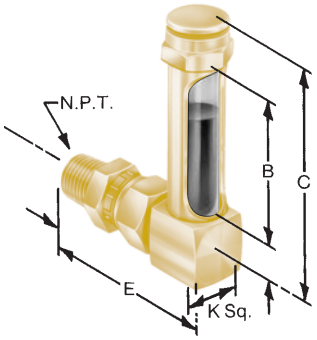




Short Elbow Catalog No.	Long Elbow Catalog No.	Glass Dia.	NPT Size	B	C	Short E	Long E	K
B-1138-1	B-1149-1	1/2	1/8	1 1/32	1 15/16	1 1/4	1 3/4	11/16
B-1138-2	B-1149-2		1/4					
B-1138-3	B-1149-3		3/8					
B-1138-4	B-1149-4		1/8	1 17/32	2 7/16			
B-1138-5	B-1149-5		1/4					
B-1138-6	B-1149-6		3/8					
B-1138-7	B-1149-7		1/8	2 1/32	2 15/16			
B-1138-8	B-1149-8		1/4					
B-1138-9	B-1149-9		3/8					
B-1138-10	B-1149-10		1/8	2 17/32	3 7/16			
B-1138-11	B-1149-11		1/4					
B-1138-12	B-1149-12		3/8					
B-1138-13	B-1149-13		1/8	3 1/32	3 15/16			
B-1138-14	B-1149-14		1/4					
B-1138-15	B-1149-15		3/8					
B-1138-16	B-1149-16		1/8	3 17/32	4 7/16			
B-1138-17	B-1149-17		1/4					
B-1138-18	B-1149-18		3/8					
B-1138-19	B-1149-19		1/8	4 1/32	4 15/16			
B-1138-20	B-1149-20		1/4					
B-1138-21	B-1149-21		3/8					
B-1138-22	B-1149-22		1/8	4 17/32	5 7/16			
B-1138-23	B-1149-23		1/4					
B-1138-24	B-1149-24		3/8					
B-1138-25	B-1149-25		1/8	5 17/32	6 7/16			
B-1138-26	B-1149-26		1/4					
B-1138-27	B-1149-27		3/8					
B-1138-28	B-1149-28		1/8	6 17/32	7 7/16			
B-1138-29	B-1149-29		1/4					
B-1138-30	B-1149-30		3/8					
B-1138-31	B-1149-31		1/8	7 17/32	8 7/16			
B-1138-32	B-1149-32		1/4					
B-1138-33	B-1149-33		3/8					
B-1139-1	B-1150-1	5/8	1/4	4 13/32	5 1/2	1 3/4	2 1/2	7/8
B-1139-2	B-1150-2		3/8					
B-1139-3	B-1150-3		1/2					
B-1139-4	B-1150-4		1/4	5 21/32	6 3/4			
B-1139-5	B-1150-5		3/8					
B-1139-6	B-1150-6		1/2					
B-1139-7	B-1150-7		1/4	7 21/32	8 3/4			
B-1139-8	B-1150-8		3/8					
B-1139-9	B-1150-9		1/2					
B-1139-10	B-1150-10		1/4	9 21/32	10 3/4			
B-1139-11	B-1150-11		3/8					
B-1139-12	B-1150-12		1/2					
B-1139-13	B-1150-13		1/4	12 21/32	13 3/4			
B-1139-14	B-1150-14		3/8					
B-1139-15	B-1150-15		1/2					

UNION COUPLING BRASS GAGES are for applications requiring horizontal inlets. They are used in areas where clearance from obstructions do not permit rotating the gage for assembly.

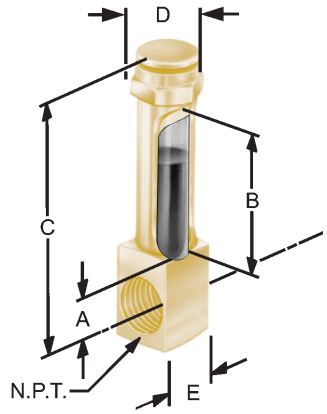
The brass level gages for visibly indicating liquid levels are rugged, machined from brass stock and have glass sights which are protected by revolvable shields. A protected vent hole in the cap reduces the possibility of dust, dirt or moisture getting inside the gage.



Union Cplng Cat. No.	Glass Dia.	NPT Size	B	C	E	K
B-1357-1	1/2	1/8	1 1/32	1 15/16	1 1/2	11/16
B-1357-2		1/4			2	
B-1357-3		3/8			2 1/8	
B-1357-4		1/8	1 17/32	2 7/16	1 1/2	
B-1357-5		1/4			2	
B-1357-6		3/8			2 1/8	
B-1357-7		1/8	2 1/32	2 15/16	1 1/2	
B-1357-8		1/4			2	
B-1357-9		3/8			2 1/8	
B-1357-10		1/8	2 17/32	3 7/16	1 1/2	
B-1357-11		1/4			2	
B-1357-12		3/8			2 1/8	
B-1357-13		1/8	3 1/32	3 15/16	1 1/2	
B-1357-14		1/4			2	
B-1357-15		3/8			2 1/8	
B-1357-16		1/8	3 17/32	4 7/16	1 1/2	
B-1357-17		1/4			2	
B-1357-18		3/8			2 1/8	
B-1357-19		1/8	4 1/32	4 15/16	1 1/2	
B-1357-20		1/4			2	
B-1357-21		3/8			2 1/8	
B-1357-22		1/8	4 17/32	5 7/16	1 1/2	
B-1357-23		1/4			2	
B-1357-24		3/8			2 1/8	
B-1357-25		1/8	5 17/32	6 7/16	1 1/2	
B-1357-26		1/4			2	
B-1357-27		3/8			2 1/8	
B-1357-28		1/8	6 17/32	7 7/16	1 1/2	
B-1357-29		1/4			2	
B-1357-30		3/8			2 1/8	
B-1357-31		1/8	7 17/32	8 7/16	1 1/2	
B-1357-32		1/4			2	
B-1357-33		3/8			2 1/8	
B-2574-1	5/8	1/4	4 13/32	5 7/16	2 1/2	7/8
B-2574-2		3/8				
B-2574-3		1/2				
B-2574-4		1/4	5 21/32	6 11/16		
B-2574-5		3/8				
B-2574-6		1/2				
B-2574-7		1/4	7 21/32	8 11/16		
B-2574-8		3/8				
B-2574-9		1/2				
B-2574-10		1/4	9 21/32	10 11/16		
B-2574-11		3/8				
B-2574-12		1/2				
B-2574-13		1/4	12 21/32	13 11/16		
B-2574-14		3/8				
B-2574-15		1/2				

Level Gages...Brass - Elbow & Straight

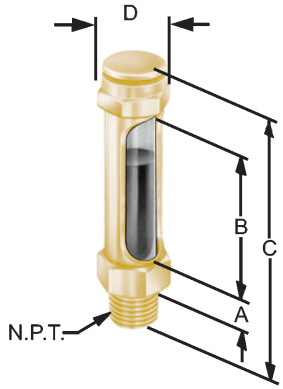
ELBOW BRASS GAGES WITH FEMALE INLET are primarily used for applications requiring horizontal inlets and where a normal pipe nipple is used to extend the gage from the application due to clearance of mounting bolts or other irregularities.



Elbow Cat. No.	Glass Dia.	NPT Size	A	B	C	D	E
B-2577-1	1/2	1/8	3/4	1 1/32	2 5/16	11/16	7/8
B-2577-2		1/4					
B-2577-3		3/8					
B-2577-4		1/8		1 17/32	2 13/16		
B-2577-5		1/4					
B-2577-6		3/8					
B-2577-7		1/8		2 1/32	3 5/16		
B-2577-8		1/4					
B-2577-9		3/8					
B-2577-10		1/8		2 17/32	3 13/16		
B-2577-11		1/4					
B-2577-12		3/8					
B-2577-13		1/8		3 1/32	4 5/16		
B-2577-14		1/4					
B-2577-15		3/8					
B-2577-16		1/8		3 17/32	4 13/16		
B-2577-17		1/4					
B-2577-18		3/8					
B-2577-19		1/8		4 1/32	5 5/16		
B-2577-20		1/4					
B-2577-21		3/8					
B-2577-22		1/8		4 17/32	5 13/16		
B-2577-23		1/4					
B-2577-24		3/8					
B-2577-25		1/8		5 17/32	6 13/16		
B-2577-26		1/4					
B-2577-27		3/8					
B-2577-28		1/8		6 17/32	7 13/16		
B-2577-29		1/4					
B-2577-30		3/8					
B-2577-31		1/8		7 17/32	8 13/16		
B-2577-32		1/4					
B-2577-33		3/8					
B-2579-1	5/8	1/4	15/16	4 13/32	5 29/32	13/16	1 1/8
B-2579-2		3/8					
B-2579-3		1/2					
B-2579-4		1/4		5 21/32	7 5/32		
B-2579-5		3/8					
B-2579-6		1/2					
B-2579-7		1/4		7 21/32	9 5/32		
B-2579-8		3/8					
B-2579-9		1/2					
B-2579-10		1/4		9 21/32	11 5/32		
B-2579-11		3/8					
B-2579-12		1/2					
B-2579-13		1/4		12 21/32	14 5/32		
B-2579-14		3/8					
B-2579-15		1/2					

STRAIGHT BRASS GAGES with shielded sight are for applications requiring vertical inlet and permit direct mounting for rapid transfer of fluid.

The brass gages are rugged, machined from brass stock and the sight is protected by a revolvable shield. A protected vent hole in the cap reduces the possibility of dust, dirt or moisture getting inside the gage.



Straight Cat. No.	Glass Dia.	NPT Size	A	B	C	D
B-1144-1	1/2	1/8	13/32	1 1/32	2 3/8	11/16
B-1144-2		1/4			2 7/16	
B-1144-3		3/8			2 1/2	
B-1144-4		1/8		1 17/32	2 7/8	
B-1144-5		1/4			2 15/16	
B-1144-6		3/8			3	
B-1144-7		1/8		2 1/32	3 3/8	
B-1144-8		1/4			3 7/16	
B-1144-9		3/8			3 1/2	
B-1144-10		1/8		2 17/32	3 7/8	
B-1144-11		1/4			3 15/16	
B-1144-12		3/8			4	
B-1144-13		1/8		3 1/32	4 3/8	
B-1144-14		1/4			4 7/16	
B-1144-15		3/8			4 1/2	
B-1144-16		1/8		3 17/32	4 7/8	
B-1144-17		1/4			4 15/16	
B-1144-18		3/8			5	
B-1144-19		1/8		4 1/32	5 3/8	
B-1144-20		1/4			5 7/16	
B-1144-21		3/8			5 1/2	
B-1144-22		1/8		4 17/32	5 7/8	
B-1144-23		1/4			5 15/16	
B-1144-24		3/8			6	
B-1144-25		1/8		5 17/32	6 7/8	
B-1144-26		1/4			6 15/16	
B-1144-27		3/8			7	
B-1144-28		1/8		6 17/32	7 7/8	
B-1144-29		1/4			7 15/16	
B-1144-30		3/8			8	
B-1144-31		1/8		7 17/32	8 7/8	
B-1144-32		1/4			8 15/16	
B-1144-33		3/8			9	
B-1145-1	5/8	1/4	13/32	4 13/32	5 7/8	13/16
B-1145-2		3/8			5 7/8	
B-1145-3		1/2			6	
B-1145-4		1/4		5 21/32	7 1/8	
B-1145-5		3/8			7 1/8	
B-1145-6		1/2			7 1/4	
B-1145-7		1/4		7 21/32	9 1/8	
B-1145-8		3/8			9 1/8	
B-1145-9		1/2			9 1/4	
B-1145-10		1/4		9 21/32	11 1/8	
B-1145-11		3/8			11 1/8	
B-1145-12		1/2			11 1/4	
B-1145-13		1/4		12 21/32	14 1/8	
B-1145-14		3/8			14 1/8	
B-1145-15		1/2			14 1/4	

Level Gages...Brass - Elbow with Thermometer

B3926

ELBOW BRASS GAGE with 2-3/64 THERMOMETER is made for applications requiring visual indication of both liquid level and liquid temperature.

The brass level gage is rugged, machined from brass stock and has a 1/2" diameter glass sight which is protected by a revolvable shield. A protected vent hole in the cap reduces the possibility of dust, dirt or moisture getting inside the gage. Temperature is indicated in Fahrenheit and Celsius on the 2-3/64" thermometer. The larger dial facilitates easy viewing from a distance.

SPECIFICATIONS:

• Pressure	Atmospheric pressure sight is vented
• Temperature	225° F. Max.
• Body	Brass
• Sight	Gage Glass
• O-Ring	Buna-N
• Washer	Teflon®
• Cap	Brass
• Union Coupling	Steel, Plated

ORDERING EXAMPLE

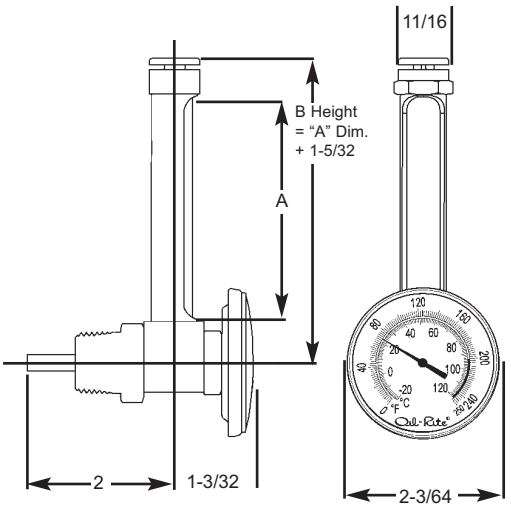
Please include the following:

- •Gage Series
- •Gage Description
- •Whole inch value (1" to 12")
- •Fractional Portion of Dimension "A" Length
- •Seal Material
- •Mounting Thread Size

Example below: (B3926-10417B4) a Brass Elbow Level Gage w/Dial Thermometer, 4-17/32" Dimension "A", Buna-N seals, 1/2" NPT mounting.

B 3 9 2 6 - 1 0 4 1 7 B 4

- Brass Elbow Level Gage Series
- Gage description (-1 standard)
- Whole inch value of Dimension "A" length (1" to 12")
- Fractional portion of Dimension "A" length (in 32nds) example 1/2" = 16/32" or Non Fractional = 00/32"
- Seal Material: B - Buna-N, E - EPDM, V - Viton®, S - Silicone
- Mounting Thread Size: 2 - 1/4 NPT, 4 - 1/2 NPT, 3 - 3/8 NPT, 5 - 3/4 NPT



Teflon® is a registered trademark of DuPont

Level Gages...Round Nylon

TYPICAL APPLICATIONS — Used to indicate level of lubricating oil supply at bearings, gear boxes, crank cases, transformers, switches, etc.
COMPACT DESIGN — Can be installed easily in any location having enough clearance for a one-piece oil gage.
SIMPLE INSTALLATION — Square shank with pipe thread screws horizontally or vertically into tapped hole. Options are available for difficult or irregular mountings.
QUALITY-BUILT — Shank body and cap are machined to close tolerance. Sights are clear extrusion with wide-angle viewing and will withstand a tremendous amount of duress. For a leak-tight seal, Buna-N seals are furnished as standard. Other commercial seal materials are available.
MODIFICATIONS AVAILABLE — If desired, the elbow level gages can be supplied with lower or higher viewing sights or level markings. In addition to the standard line, many special gages, similar to the ones described here, have been developed for customer's specific applications. Should you have special requirements, our engineering service is available without obligation.

SPECIFICATIONS:

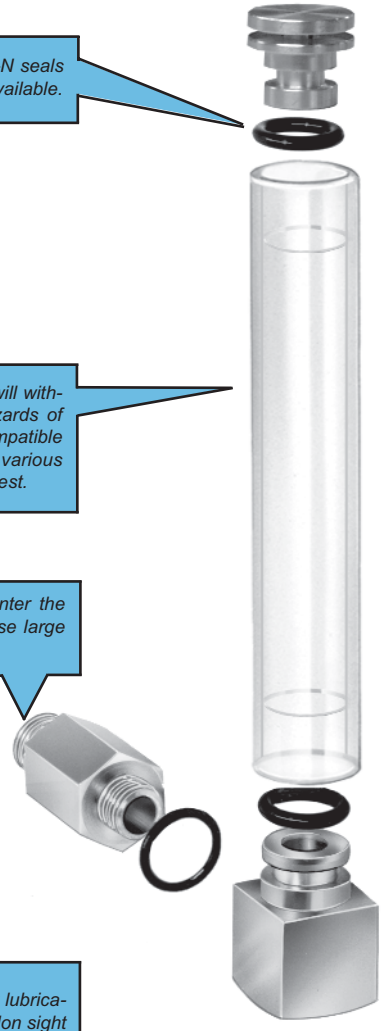
• Pressure	125 PSI Max.
• Temperature	205° F. Max.
• Mtg. Studs	Aluminum Alloy
• Sights	Round Nylon (Trogamid®)
• Seals	Buna-N (standard)
• End Blocks	Aluminum Alloy

When Ordering Specify:
• Catalog Number

LEAKPROOF CONSTRUCTION — *For a leak - tight seal. Buna-N seals are furnished as standard. Other commercial seal materials are available.*

RIGID SIGHT — *Transparent sight body is extremely tough and will withstand a tremendous amount of duress, thus eliminating the hazards of glass breakage experienced on conventional designs. Sight is compatible with many chemicals, and it will retain its clarity through various temperature ranges. Several level markings are available on request.*

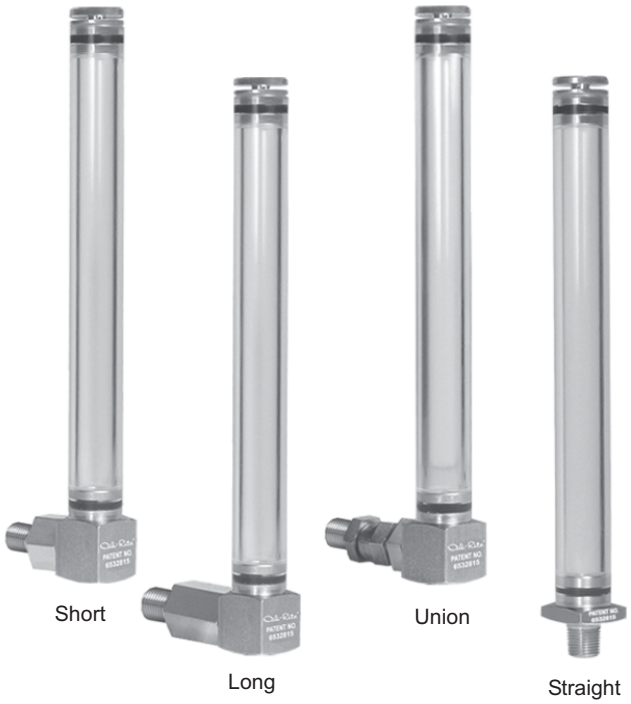
QUICK RESPONSE — *Hollow mounting bolts allow liquid to enter the gage, the displaced air is vented back into the atmosphere. These large passages effect quick level responses.*



BENEFITS — *To visibly indicate liquid supply level on machinery lubrication and liquid storage systems. Tough, transparent, Trogamid® nylon sight allows viewing from all sides for maximum viewing of liquid.*

Trogamid® is a registered trademark of Degussa AG

Level Gages...Round Nylon - Elbow & Straight



Patent Number 6,532,815

SHORT/LONG ELBOW GAGES are made for applications requiring horizontal inlets.
UNION COUPLING GAGES are made for applications requiring horizontal inlets and where clearance from obstructions do not permit rotating the gage for mounting.
STRAIGHT LEVEL GAGES are made for applications requiring vertical inlet and permit direct mounting for quick response of fluid level.

These gages are made of tough, transparent, Trogamid® nylon bodies. They allow visual observation of liquid level and liquid clarity from all sides and angles. The transparent sights are compatible with many chemicals, and they will retain their clarity through various temperature changes. The tough Trogamid® nylon can withstand a tremendous amount of duress, thus eliminating the hazards of glass breakage experienced on conventional designs.

The gages are used on tanks, reservoirs, hydraulic equipment, presses, large motor bearings, pillow blocks, and in other applications where it is necessary to guard against a low liquid level.

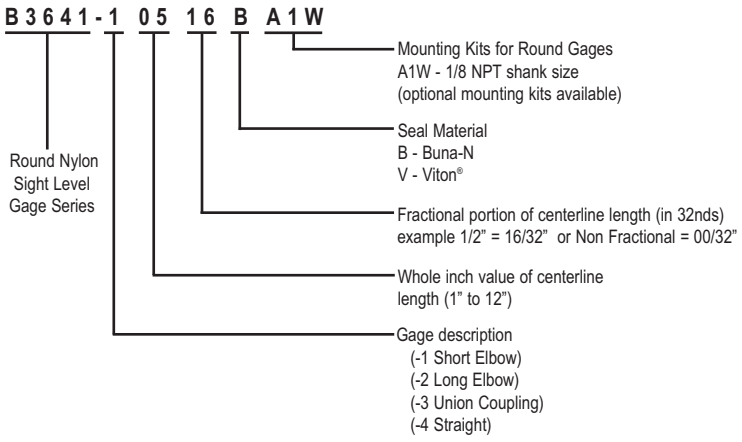
SPECIFICATIONS:

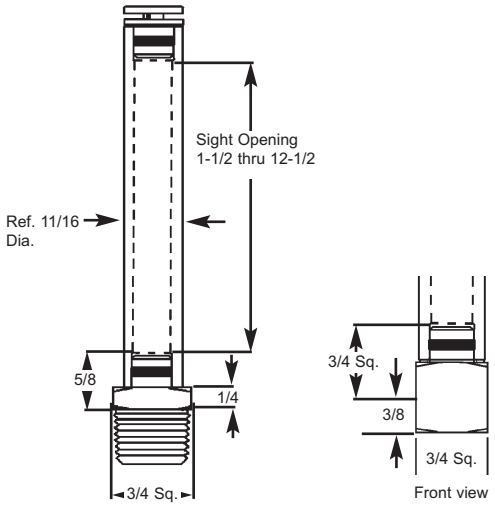
• Pressure	125 P.S.I. Max.
• Temperature	205° F. Max.
• End Blocks	Aluminum Alloy
• Sight	Round Nylon (Trogamid®)
• Seals	Buna-N (standard)
• Mounting Kits	Aluminum & Plated Steel

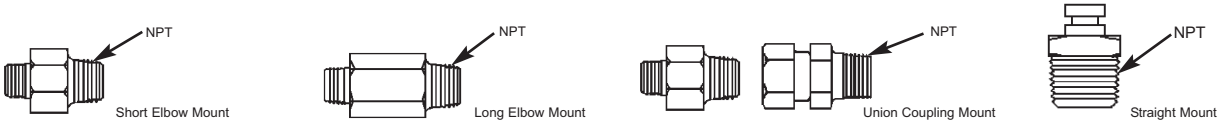
ORDERING EXAMPLE

Please include the following:
- •Gage Series
- •Sight Opening (1-1/2" to 12-1/2")
- •Fractional Portion of Centerline Length
- •Mounting Kit
- •Seal Material
- •Gage Description

Example below: (B3641-10516BA1W) a Round Nylon Level Gage, short elbow, 5-1/2" centerline length, Buna-N seals with 1/8 NPT shank size.



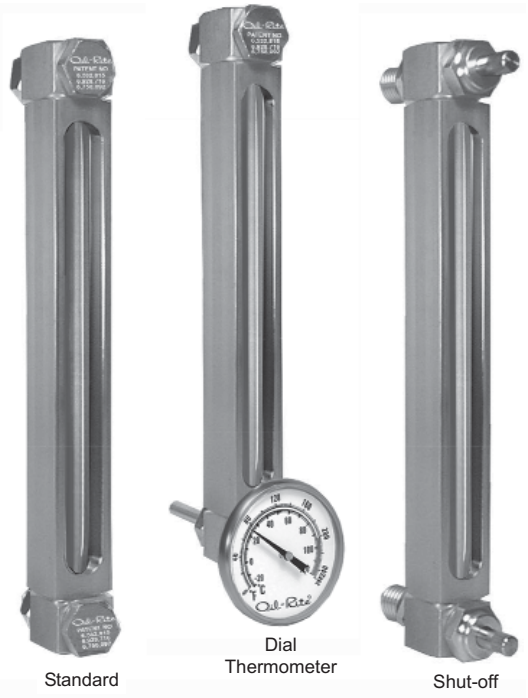




Short Shank				Long Shank				Union Couping				Straight			
1/2 NPT	3/8 NPT	1/4 NPT	1/8 NPT	1/2 NPT	3/8 NPT	1/4 NPT	1/8 NPT	1/2 NPT	3/8 NPT	1/4 NPT	1/8 NPT	1/2 NPT	3/8 NPT	1/4 NPT	1/8 NPT
A4W	A3W	A2W	A1W	A4W	A3W	A2W	A1W	A4W	A3W	A2W	A1W	A4W	A3W	A2W	A1W

Viton® is a registered trademark of DuPont
Trogamid® is a registered trademark of Degussa AG

Level Gage...Flush Aluminum



Milled Aluminum Liquid Level Gage These flush mount gages offer a rugged milled aluminum construction with a unique staked end body design to handle any industrial liquid level application.

These gages can be used to view liquid levels in hydraulic reservoirs, gearboxes, bearing housings, crankcases, transformers and machinery oil reservoirs.

Fluid enters through a cross hole in the hollow lower bolt and is communicated back into the tank, through the cross hole in the hollow top bolt. The gage is offered in centerline lengths ranging from 3" to 36".

The unique design of this gage minimizes parts and optimizes production capabilities thus offering a very competitive liquid level gage. The milled aluminum body provides adequate fluid visibility yet a rigid gage design. All aluminum components resist rust and corrosion.

SPECIFICATIONS:

• Pressure	175 PSI Max.
• Temperature	225° F. Max. Buna N Seals
• Body	Aluminum
• Seals	Buna-N, (standard)
• Mounting Kits	Aluminum, Plated Steel (Shut-off Mounting Kits - Stem, Brass)
•Torque	**Mounting Studs Torque to 90 IN*LB When Installing Level Gage.**

Patent Number 6,928,716 6,758,092 6,532,815

ORDERING EXAMPLE

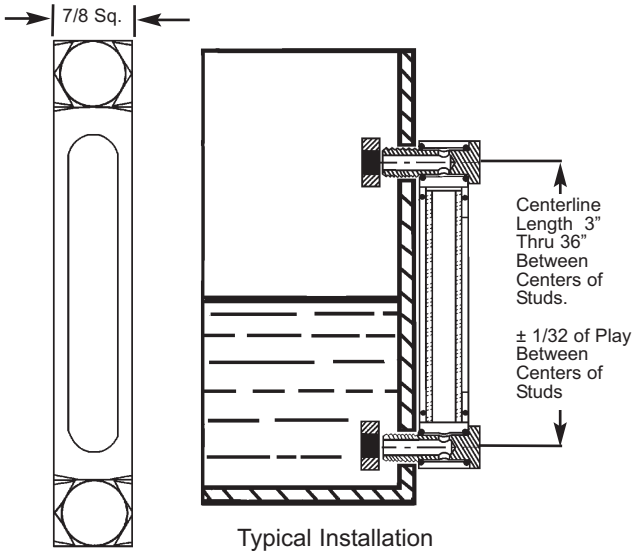
Please include the following:

- •Gage Series
- •Gage Description
- •Whole inch value (3" to 36")
- •Fractional Portion of Centerline Length
- •Seal Material
- •Mounting Kit

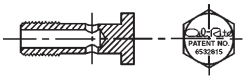
Example below: (B3540-20516BA1W) a Staked Aluminum Level Gage w/Dial Thermometer, 5-1/2" centerline length, Buna-N seals with front mounting, 1/2-20 thread size.

B 3 5 4 0 - 2 0 5 1 6 B A 1 W

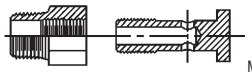
- B3540 — Milled Aluminum Level Gage Series
- -2 — Gage description (-1 standard) (-2 dial thermometer) (-3 card thermometer) (only available in 3", 5" or 10" centerline) (-4 shut-off)
- 05 — Whole inch value of centerline length (3" to 36")
- 16 — Fractional portion of centerline length (in 32nds) example 1/2" = 16/32" or Non Fractional = 00/32"
- B — Seal Material: B - Buna-N E - EPDM V - Viton® S - Silicone
- A1W — Mounting Kit: A1W - 1/2-20 Front Mount (optional mounting kits below)



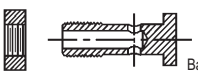
Typical Installation



Front Mounting Bolts

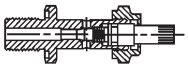


Mounting Bolts with Adapters

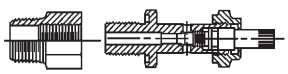


Back Mount with Mounting Nut

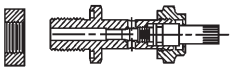
	Front Mount			Back Mount	with NPT Adapters				with NPTF Adapters				with NPSM Adapters				with BSPT Adapters			
	M12 x 1.75 stud	1/2-13 stud	1/2-20 stud	1/2-20 stud	3/4 NPT	1/2 NPT	3/8 NPT	1/4 NPT	3/4 NPTF	1/2 NPTF	3/8 NPTF	1/4 NPTF	3/4 NPSM	1/2 NPSM	3/8 NPSM	1/4 NPSM	3/4 BSPT	1/2 BSPT	3/8 BSPT	1/4 BSPT
-1	M1W	A2W	A1W	B1W	N4W	N3W	N2W	N1W	F4W	F3W	F2W	F1W	P4W	P3W	P2W	P1W	R4W	R3W	R2W	R1W
-2			A1W	B1W	N4W	N3W	N2W	N1W	F4W	F3W	F2W	F1W	P4W	P3W	P2W	P1W	R4W	R3W	R2W	R1W
-3	M1W	A2W	A1W	B1W	N4W	N3W	N2W	N1W	F4W	F3W	F2W	F1W	P4W	P3W	P2W	P1W	R4W	R3W	R2W	R1W
-4			A1L	B1L	N4L	N3L	N2L	N1L	F4L	F3L	F2L	F1L	P4L	P3L	P2L	P1L	R4L	R3L	R2L	R1L



Shut-Off - Front Mount



Shut-Off with Adapters



Shut-Off - Back Mount with Mounting Nut

Viton® is a registered trademark of DuPont

Level Gages...Flush Channel - Steel

LEAKPROOF CONSTRUCTION — *For a leak - tight seal. Buna-N seals are furnished as standard. Other commercial seal materials are available.*

INCREASED VISIBILITY — *The full protected sight glass features a red line on white background for maximum level visibility. Various level markings available on request.*

PROTECTED SIGHT — *The channel gages are constructed of steel, plated to give excellent protection for the sight glass.*

QUICK RESPONSE — *Hollow mounting studs provide large passages for liquid to enter the gage and to vent displaced air back into the tank, effecting quick level response. ½-20 threads are used for mounting.*

Style OGGF

CHANNEL LEVEL GAGES can be mounted flush against the outside surface of a reservoir with only a small amount of protrusion.

Liquid level gages for flush mounting are used for a multitude of applications, such as on tanks, reservoirs, packaged hydraulic equipment, large steel mill pumps, hydraulic presses, and for any other application where it is desirable to indicate fluid levels.

These level gages are used to determine the liquid level inside a metal reservoir by visual observation of the level in a transparent sight. The clarity and condition of the liquid can also be checked. Models with a thermometer will show the temperature of the liquid as well.

Extremely sturdy and rigid, these gages come with glass sights mounted inside the steel channel shield to provide maximum protection against breakage. Visibility of the liquid level is excellent through the large sight opening. A reflector enhances the visibility of the liquid level. Liquid level markings can be added on request.

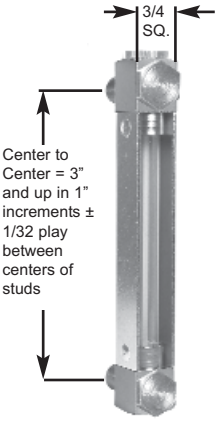
Back mounting gages are used on tanks permitting access to the inside, in order to fasten the nuts on the mounting studs inserted in drilled holes in reservoirs. Front mounting gages are used on reservoirs which do NOT permit access to the inside, therefore, the tanks must have two tapped holes, ½-20, to receive the mounting studs, which are fastened from the outside.

SPECIFICATIONS:

• Pressure	125 P.S.I. Maximum
• Temperature	225° F. Max.
• Centerline Distance Between Mtg. Holes	3" to 60" in 1" increments
• Body	Steel, Plated (Optional Material Available)
• Sight	Redline Gage Glass
• Seals	Buna-N
• Mounting Shanks	Steel, Plated ½-20 N.F.

When Ordering Specify:

- Model Number
- Center to Center Distance Between Mounting Studs
- Option/Accessories Catalog Numbers if Applicable

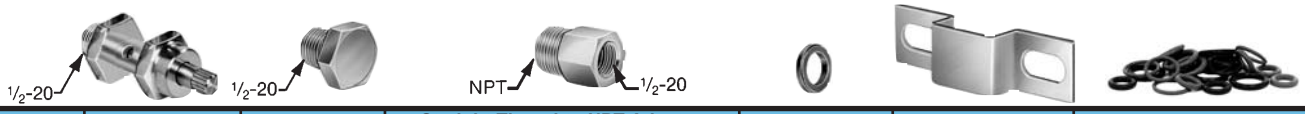


Front Mounting	
Style	**Model Number**
Plain	**B-1559-1**

Back Mounting	
Style	**Model Number**
Plain	**B-1556-1**

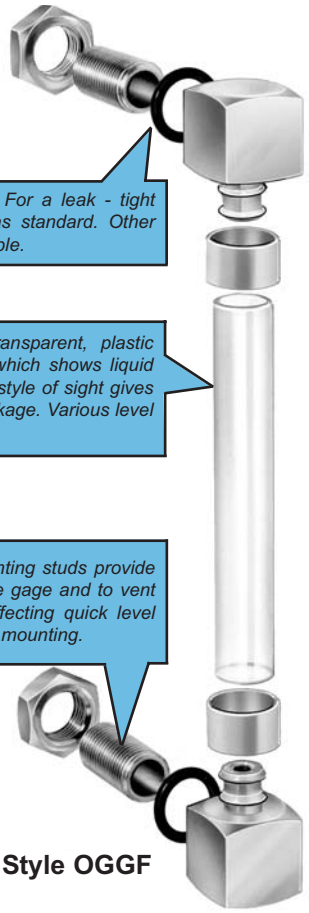
Front Mounting Thermometer	
Style	**Model Number**
2-3/64 Dial Thermo.	**B1560-2**

Back Mounting Thermometer	
Style	**Model Number**
2-3/64 Dial Thermo.	**B1557-2**



Option & Acc.	Shutoff Stud for Front Mtg. Gage	Tank Plug for Gage Removal	Straight Thread to NPT Adapter		Washer for Cylindrical Mtg.	Support Bracket	Replacement Seal Kits	
			3/8" NPT	1/2" NPT			Plain	Thermometer
Part Number	A-4894-1	A-3580-1	B-1656-4	B-1572-2	B-742-10	A-2860-1	A-4549	A-4984

Level Gages...Flush Flexible



LEAKPROOF CONSTRUCTION — *For a leak - tight seal. Buna-N seals are furnished as standard. Other commercial seal materials are available.*

FLEXIBLE SIGHTS — *Flexible, transparent, plastic gages offer a break-resistant sight which shows liquid level from all sides and angles. The style of sight gives flexibility while eliminating glass breakage. Various level markings are available on request.*

QUICK RESPONSE — *Hollow mounting studs provide large passages for liquid to enter the gage and to vent displaced air back into the tank, effecting quick level response. ½-20 threads are used for mounting.*

Style OGGF

FLEXIBLE LEVEL GAGES have a plastic sight which can readily follow the contour of curved surfaces, allowing maximum low liquid level readings, eliminating the necessity of special designs. These gages can be mounted flush against the outside surface of a liquid reservoir. This line of gages offers maximum visibility at low cost.

Liquid level gages for flush mounting are used for a multitude of applications, such as on tanks, reservoirs, packaged hydraulic equipment, large steel mill pumps, hydraulic presses, and for any other application where it is desirable to indicate liquid levels.

The plastic sights used are of clear, heavy walled, vinyl tubing and are shatterproof. They offer excellent chemical resistance to most fluids.

These gages are used to determine the liquid level inside a metal tank by visual observation of the level in a transparent sight. The clarity and condition of the liquid can also be checked. Models with a thermometer will also show the temperature of the liquid as well.

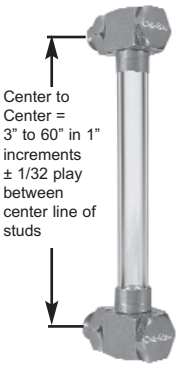
Back mounting gages are used on tanks permitting access to the inside in order to fasten the nuts on the mounting studs, inserted in drilled holes in reservoirs. Front mounting gages are used on reservoirs which do NOT permit access to the inside, therefore, the tank must have two tapped holes, ½-20, to receive the mounting studs which are fastened from the outside.

SPECIFICATIONS:

• Pressure	30 P.S.I. Max. at 72° F.
• Temperature	165° F. Max. at Atmospheric Pressure
• Centerline Distance Between Mtg. Holes	3" to 60" in 1" Increments
• End Blocks	Aluminum Alloy
• Sight	Clear Plastic Vinyl
• Seals	Buna-N
• Mounting Shanks	Steel, Plated ½-20 N.F.

When Ordering Specify:

- Model Number
- Center to Center Distance Between Mounting Studs
- Option/Accessories Catalog Numbers if Applicable



Front Mounting	
Style	**Model Number**
Plain	**B-1565-1**

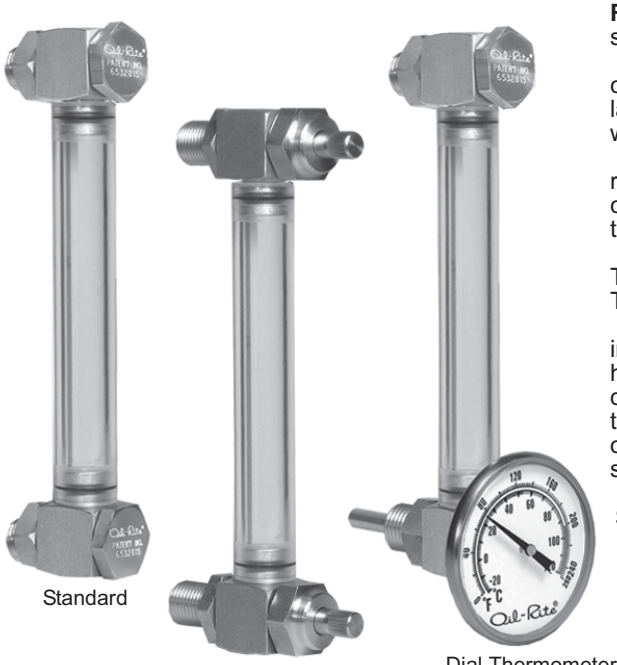
Back Mounting	
Style	**Model Number**
Plain	**B-1562-1**

Front Mounting Thermometer	
Style	**Model Number**
2-3/64" Dial Thermo.	**B1566-2**

Back Mounting Thermometer	
Style	**Model Number**
2-3/64" Dial Thermo.	**B1563-2**

Option & Acc.	Shutoff Stud for Front Mtg. Gage	Tank Plug for Gage Removal	Straight Thread to NPT Adapter		Washer for Cylindrical Mtg.	Replacement Seal Kits	
			3/8" NPT	1/2" NPT		Plain	Thermometer
Part Number	A-4894-1	A-3580-1	B-1656-4	B-1572-2	B-742-10	A-4990	A-4991

Level Gages...Flush Rigid Plastic



Standard

Shut-off

Dial Thermometer

Patent Number 6,532,815

RIGID PLASTIC LEVEL GAGES can be mounted flush against the outside surface of a liquid reservoir with only a small amount of protrusion.

Liquid level gages for flush mounting are used for a multitude of applications, such as on tanks, reservoirs, packaged hydraulic equipment, large steel mill pumps, hydraulic presses, and for any other application where it is desirable to indicate liquid levels.

Liquid level gages are used to determine the liquid level inside a reservoir by visual observation of the level in a transparent sight. The clarity and condition of the liquid can easily be checked. Models with a thermometer will also show the temperature of the liquid.

Break resistant level gages show the liquid level clearly from all sides. These gages are made of clear, transparent, almost unbreakable Trogamid® nylon which can be furnished in many lengths.

Back mounting gages are used on tanks permitting access to the inside in order to fasten the nuts on the mounting studs, inserted in drilled holes in reservoirs. Front mounting gages are used on reservoirs which do NOT permit access to the inside, therefore, the tank must have two tapped holes, to receive the mounting studs, which are fastened from the outside. Many special gages have been developed for customer's specific applications.

SPECIFICATIONS:

• Pressure	125 P.S.I. Max. at 72° F.
• Temperature	205° F. Max.
• End Blocks	Aluminum Alloy
• Sight	Round Nylon (Trogamid®, Red Line Tape)
• Seals	Buna-N
• Mounting Kits	Aluminum, Plated Steel (Shut-off Mounting Kits - Stem, Brass)
•Torque	**Mounting Studs Torqued to 90 IN*LB When Installing Level Gage**

ORDERING EXAMPLE

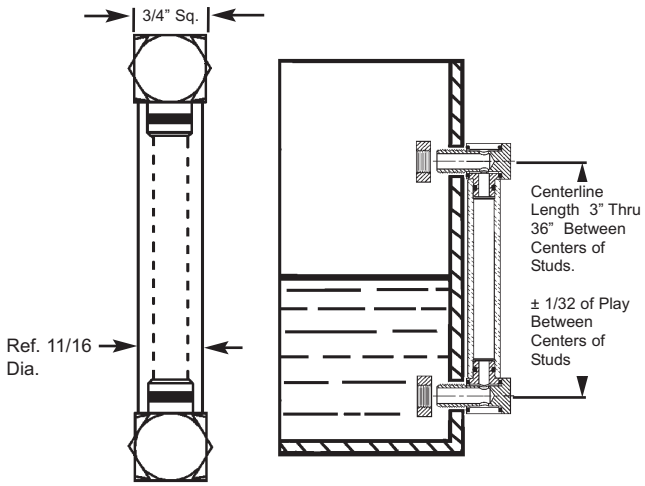
Please include the following:

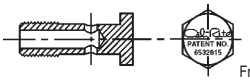
- •Gage Series
- •Gage Description
- •Fractional Portion of Centerline Length
- •Mounting Kit
- •Seal Material
- •Whole inch value (3" to 36")

Example below: (B3642-10516BA1W) a Standard Flush Round Nylon Level Gage, 5-1/2" centerline length, Buna-N seals with front mounting, 1/2-20 thread size.

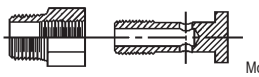
B 3 6 4 2 - 1 0 5 1 6 B A 1 W

- Flush Round Nylon Sight Level Gage Series
- Gage description (-1 standard) (-2 dial thermometer) (-3 shut-off)
- Whole inch value of centerline length (3" to 36")
- Fractional portion of centerline length (in 32nds) example 1/2" = 16/32" or Non Fractional = 00/32"
- Seal Material B - Buna-N E - EPDM V - Viton® S - Silicone
- Mounting Kits for Flush Gages A1W - 1/2-20 Front Mount (optional mounting kits below)

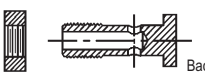




Front Mounting Bolts

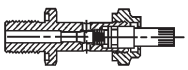


Mounting Bolts with Adapters

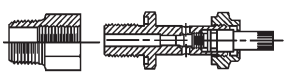


Back Mount with Mounting Nut

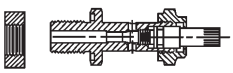
	Front Mount			Back Mount	with NPT Adapters				with NPTF Adapters				with NPSM Adapters				with BSPT Adapters			
	M12 x 1.75 stud	1/2-13 stud	1/2-20 stud	1/2-20 stud	3/4 NPT	1/2 NPT	3/8 NPT	1/4 NPT	3/4 NPTF	1/2 NPTF	3/8 NPTF	1/4 NPTF	3/4 NPSM	1/2 NPSM	3/8 NPSM	1/4 NPSM	3/4 BSPT	1/2 BSPT	3/8 BSPT	1/4 BSPT
-1	M1W	A2W	A1W	B1W	N4W	N3W	N2W	N1W	F4W	F3W	F2W	F1W	P4W	P3W	P2W	P1W	R4W	R3W	R2W	R1W
-2			A1W	B1W	N4W	N3W	N2W	N1W	F4W	F3W	F2W	F1W	P4W	P3W	P2W	P1W	R4W	R3W	R2W	R1W
-3			A1L	B1L	N4L	N3L	N2L	N1L	F4L	F3L	F2L	F1L	P4L	P3L	P2L	P1L	R4L	R3L	R2L	R1L



Shut-Off - Front Mount



Shut-Off with Adapters



Shut-Off - Back Mount with Mounting Nut

Viton® is a registered trademark of DuPont

Trogamid® is a registered trademark of Degussa AG

Level Gages...Flush Broad Face Nylon

Style OGGF

Patent Number 6,532,815

BROAD FACE NYLON LEVEL GAGES are used for distant viewing of the level and clarity of the liquid. These tough, rugged gages are offered for flush mounting only, in heights up to 36 inches.

This gage is used on tanks, reservoirs, packaged hydraulic units, and in many other applications where it is necessary to check liquid levels for the protection of costly equipment.

The unit consists of an almost unbreakable plastic sight, compatible with most oils and holds a 1½ inch wide column of liquid. It is held between top and bottom enclosures with two internal tie rods which compress the necessary seals. High and Low level marking are internally mounted across the tie rods.

Red line tape for increasing visibility of the liquid. Hollow mounting bolts provide large passages for liquid to enter the gage and to vent displaced air back into the tank, effecting quick level response.

Back mounting gages are used on tanks permitting access to the inside in order to fasten the nuts on the mounting studs, inserted in drilled holes in reservoirs. Front mounting gages are used on reservoirs which do NOT permit access to the inside, therefore, the tank must have two tapped holes, ½-20, to receive the mounting studs which are fastened from the outside.

SPECIFICATIONS:

• Pressure	50 P.S.I. Max. at 72° F.
• Temperature	205° F. Max. with No Pressure
• End Blocks	Aluminum Alloy
• Sight	Transparent Nylon
• Seals	Buna-N
• Mounting Kits	Aluminum, Plated Steel (Shut-off Mounting Kits - Stem, Brass)
•Torque	**Mounting Studs Torqued to 90 IN*LB When Installing Level Gage**

ORDERING EXAMPLE

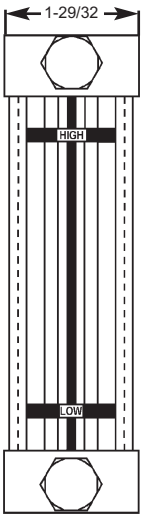
Please include the following:

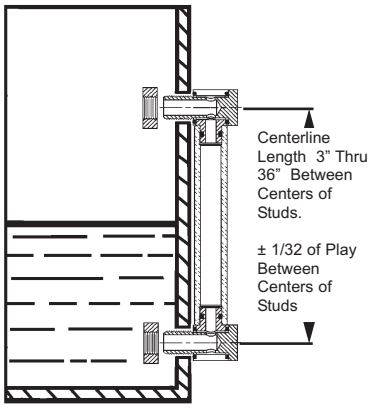
- •Gage Series
- •Gage Description
- •Fractional Portion of Centerline Length
- •Mounting Kit
- •Seal Material
- •Whole inch value (3" to 36")

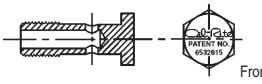
Example below: (B3950-20516BA1W) a Broad Face Nylon Level Gage, 5-1/2" centerline length, Buna-N seals with front mounting, 1/2-20 thread size.

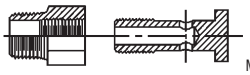
B 3 9 5 0 2 0 5 1 6 B A 1 W

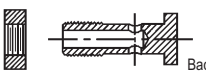
- Broad Face Nylon Sight Level Gage Series
- Gage description (-1 standard) (-2 dial thermometer) (-4 shut-off)
- Whole inch value of centerline length (3" to 36")
- Fractional portion of centerline length (in 32nds) example 1/2" = 16/32" or Non Fractional = 00/32"
- Seal Material B - Buna-N E - EPDM V - Viton®
- Mounting Kits for Broad Face Gages A1W - 1/2-20 Front Mount (optional mounting kits below)



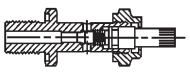


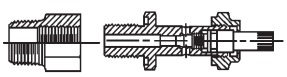

Front Mounting Bolts

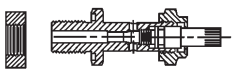

Mounting Bolts with Adapters


Back Mount with Mounting Nut

	Front Mount			Back Mount	with NPT Adapters				with NPTF Adapters				with NPSM Adapters				with BSPT Adapters			
	M12 x 1.75 stud	1/2-13 stud	1/2-20 stud	1/2-20 stud	3/4 NPT	1/2 NPT	3/8 NPT	1/4 NPT	3/4 NPTF	1/2 NPTF	3/8 NPTF	1/4 NPTF	3/4 NPSM	1/2 NPSM	3/8 NPSM	1/4 NPSM	3/4 BSPT	1/2 BSPT	3/8 BSPT	1/4 BSPT
-1	M1W	A2W	A1W	B1W	N4W	N3W	N2W	N1W	F4W	F3W	F2W	F1W	P4W	P3W	P2W	P1W	R4W	R3W	R2W	R1W
-2			A1W	B1W	N4W	N3W	N2W	N1W	F4W	F3W	F2W	F1W	P4W	P3W	P2W	P1W	R4W	R3W	R2W	R1W
-4			A1L	B1L	N4L	N3L	N2L	N1L	F4L	F3L	F2L	F1L	P4L	P3L	P2L	P1L	R4L	R3L	R2L	R1L


Shut-Off - Front Mount


Shut-Off with Adapters


Shut-Off - Back Mount with Mounting Nut

Viton® is a registered trademark of DuPont

Window Sights

GASKETED WINDOW SIGHTS have sights that are placed between two seals within the sight bodies, providing a leak tight seal.

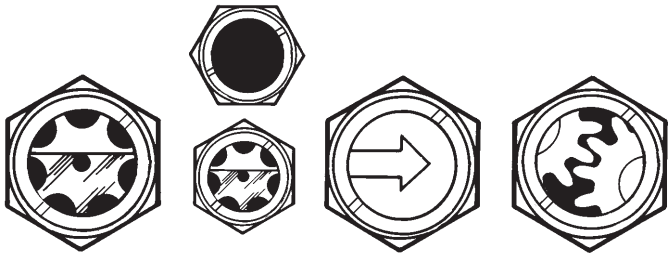
These window sights are used for fluid sighting on hydraulic tanks, pressure vessels, reservoirs, packaged power equipment, hydraulic lines and piping or most any application where oil or fluid inspection is essential.

An exclusive feature of these units is the new stainless steel reflector which maximizes visibility in poor light. The reflector will not tarnish, corrode or discolor under the most adverse conditions.

These sights are principally used to visually indicate liquid levels, observing liquid condition, fluid motion, mechanical movements, or tests performed with a safe enclosure. Two or more sights can be mounted so as to indicate High-Low or in-between levels.

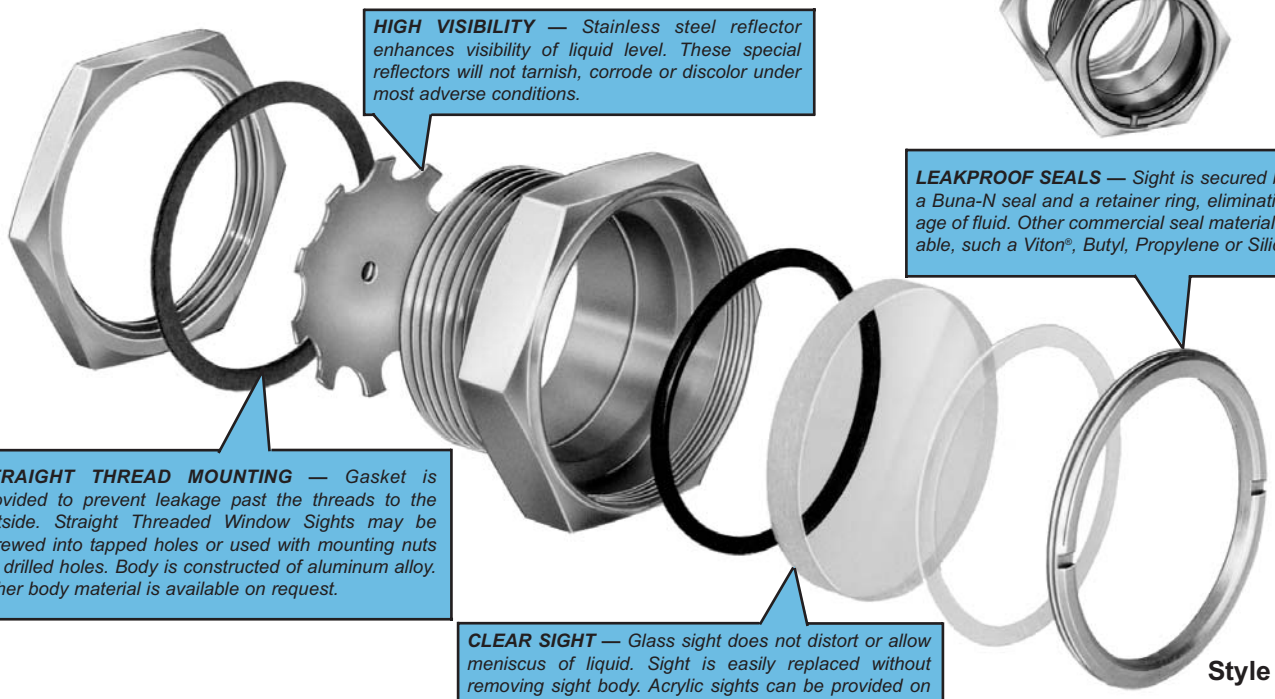
SPECIFICATIONS:

• Pressure	125 P.S.I. Max. (See Chart Below)
• Temperature	225° F. Max.
• Body	Aluminum Alloy
• Sight	Glass
• Seals	Buna-N (Other Commercial Seal Material Available on Request)
• Reflector	Stainless Steel



Liquid Level | **Hi-Low Levels** | **Liquid Motion** | **Mechanical Motion**

When Ordering Specify:
• Catalog Number



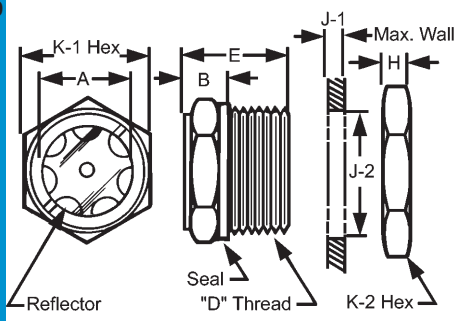
HIGH VISIBILITY *— Stainless steel reflector enhances visibility of liquid level. These special reflectors will not tarnish, corrode or discolor under most adverse conditions.*

LEAKPROOF SEALS *— Sight is secured between a Buna-N seal and a retainer ring, eliminating leakage of fluid. Other commercial seal material is available, such a Viton®, Butyl, Propylene or Silicone.*

STRAIGHT THREAD MOUNTING *— Gasket is provided to prevent leakage past the threads to the outside. Straight Threaded Window Sights may be screwed into tapped holes or used with mounting nuts for drilled holes. Body is constructed of aluminum alloy. Other body material is available on request.*

CLEAR SIGHT *— Glass sight does not distort or allow meniscus of liquid. Sight is easily replaced without removing sight body. Acrylic sights can be provided on request.*

Style OGW



Model Number				A	B	D	E	H	J-1	J-2	K-1	K-2	Max P.S.I.
Less Reflector		With Reflector											
With Nut	Less Nut	With Nut	Less Nut										
B-2394-1	B-2394-11			5/16	13/32	1/2-20	23/32	11/64	9/64	17/32	11/16	3/4	125
B-2394-2	B-2394-12	B-2396-1	B-2396-11	7/16	7/16	5/8-18	13/16	13/64	11/64	21/32	13/16	15/16	125
B-2394-3	B-2394-13	B-2396-2	B-2396-12	9/16	7/16	3/4-16	13/16	7/32	5/32	25/32	15/16	1 1/16	125
B-2394-4	B-2394-14	B-2396-3	B-2396-13	25/32	1/2	1-14	15/16	9/32	5/32	1 1/32	1 1/4	1 7/16	125
B-2394-5	B-2394-15	B-2396-4	B-2396-14	1	1/2	1 1/4-12	1	1/4	1/4	1 9/32	1 1/2	1 1/2	100
B-2394-6	B-2394-16	B-2396-5	B-2396-15	1 19/64	17/32	1 1/2-12	1 7/32	1/4	7/16	1 17/32	1 3/4	1 3/4	50
B-2394-7	B-2394-17	B-2396-6	B-2396-16	1 17/32	19/32	1 3/4-12	1 9/32	1/4	7/16	1 25/32	2	2	50
B-2394-8	B-2394-18	B-2396-7	B-2396-17	1 31/32	19/32	2 1/4-12	1 9/32	1/4	7/16	2 9/32	2 1/2	2 1/2	50

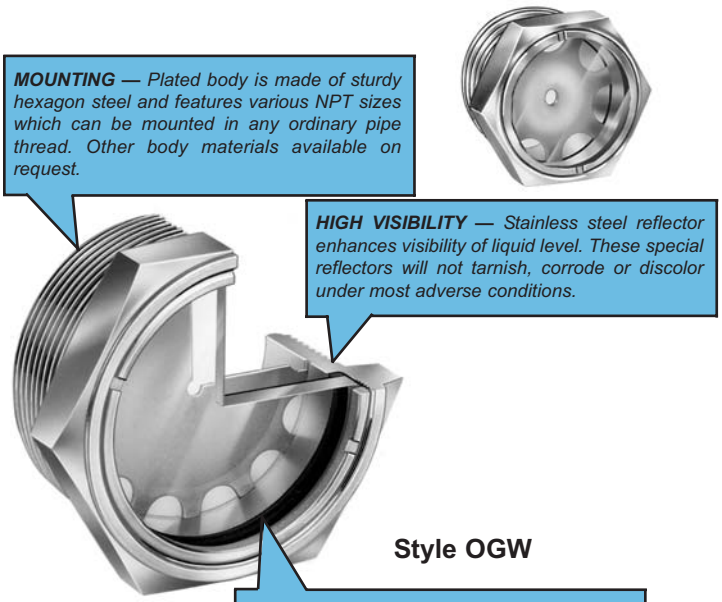
Window Sights

Gasketed Window Sights w / N.P.T. Mtg.

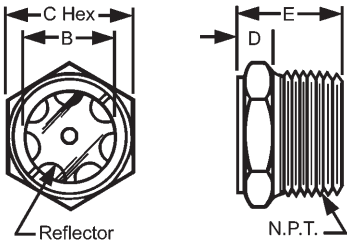
SPECIFICATIONS:

- Pressure — 125 P.S.I. Max.
- Temperature — 225° F. Max.
- Body — Steel, Plated
- Sight — Glass
- Seals — Buna-N (Other Commercial Seal Material Available on Request)
- Reflector — Stainless Steel

When Ordering Specify:
- Catalog Number



Style OGW



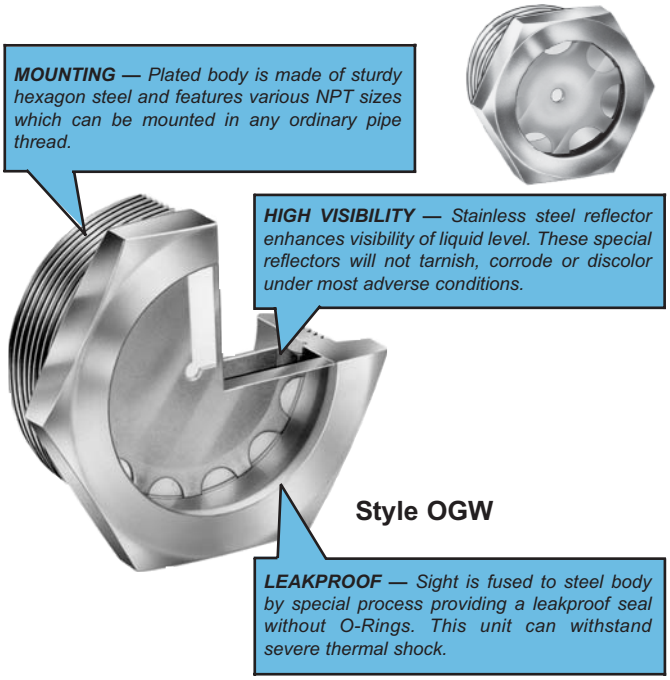
Catalog Number						
Less Reflector	With Reflector	NPT Size	B	C	D	E
B-1740-1	—	1/4	5/16	5/8	11/32	25/32
B-1740-2	B-1740-12	3/8	15/32	3/4	3/8	7/8
B-1740-3	B-1740-13	1/2	19/32	15/16	3/8	15/16
B-1740-4	B-1740-14	3/4	25/32	1 1/16	7/16	1 1/16
B-1740-5	B-1740-15	1	1	1 3/8	7/16	1 3/16
B-1740-6	B-1740-16	1 1/4	1 19/64	1 3/4	15/32	1 9/32
B-1740-7	B-1740-17	1 1/2	1 17/32	2	17/32	1 11/32
B-1740-8	B-1740-18	2	1 31/32	2 1/2	17/32	1 13/32

Fused Window Sights w / N.P.T. Mtg.

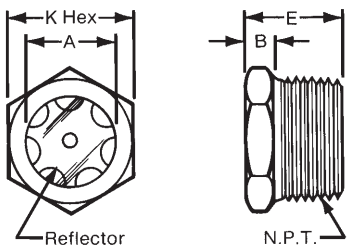
SPECIFICATIONS:

- Pressure — 125 P.S.I. Max.
- Temperature — 250° F. Max.
- Body — Steel, Plated
- Sight — Glass
- Reflector — Stainless Steel

When Ordering Specify:
- Catalog Number



Style OGW



Catalog Number						
Less Reflector	With Reflector	NPT Size	A	B	E	K
A-2890-1	—	1/4	11/32	3/16	5/8	5/8
A-2890-2	A-2890-12	3/8*	7/16	3/16	3/4	3/4
A-2890-3	A-2890-13	1/2	9/16	7/32	25/32	15/16
A-2890-4	A-2890-14	3/4*	3/4	5/16	1 1/16	1 1/16
A-2890-5	A-2890-15	1	15/16	5/16	1 1/16	1 3/8
A-2890-6	A-2890-16	1 1/4	1 3/16	13/32	1 7/32	1 3/4
A-2890-7	A-2890-17	1 1/2	1 7/16	13/32	1 7/32	2
A-2890-8	A-2890-18	2	1 7/8	13/32	1 9/32	2 1/2

Specialized Liquid Level Gages

DRUM GAGE with FAUCET determines level and condition of oils, solvents, chemicals, water and any other fluids stored in steel drums. Fits standard 55 gallon drums. Provides instant visual checks with extreme accuracy to aid in measurement and inventory control. Ideal for indoor or outdoor use.

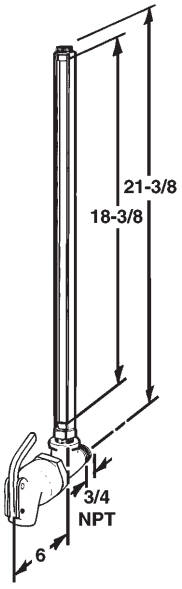
Channel body is made of rigid steel, plated to resists rust. Clear gage glass is housed within channel providing maximum protection. Brass faucet resists rust and corrosion and automatically shuts off when released, thus preventing unwanted waste. A means in which the faucet can be locked is provided.

SPECIFICATIONS:

- Pressure — Atmospheric Pressure (Sight is Vented)
- Temperature — 225° F. Max.
- Body — Steel, Plated
- Sight — Gage, Glass
- Seals — Buna-N
- Valve — Brass

When Ordering Specify:
- Catalog Number

Style OGG



Catalog Number	B-2550-1

FUSED WINDOW SIGHTS with ALUMINUM BALL are principally used to visually indicate liquid level and liquid condition. Two or more sights can be used to show High-Low or in-between levels.

An aluminum ball is placed between the glass sight and the stainless steel reflector which provides maximum visible observation of the liquid level.

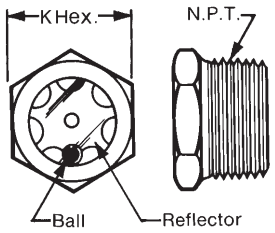
For utmost reliability, these window sights can be used for fluid sighting on hydraulic tanks pressure vessels, reservoirs, packaged power equipment, hydraulic lines and piping, or most any application where oil or fluid inspection is essential.

SPECIFICATIONS:

- Pressure — 125 P.S.I. Max.
- Temperature — 250° F. Max.
- Body — Steel, Plated
- Sight — Glass
- Ball — Aluminum
- Reflector — Stainless Steel

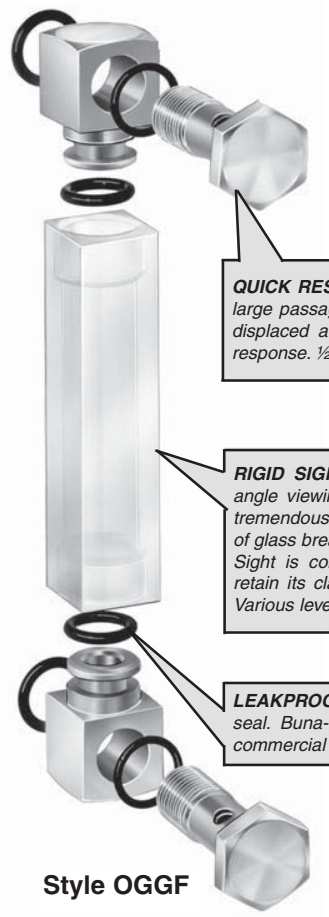
When Ordering Specify:
- Catalog Number

Style OGW



Catalog Number	NPT Size	K Hex.
A-4959-1	1	$1\frac{3}{8}$
A-4959-2	$\frac{3}{8}$ NPTF	$\frac{3}{4}$
A-4959-3	$\frac{1}{2}$	$\frac{15}{16}$
A-4959-4	$\frac{3}{4}$ NPTF	$1\frac{1}{16}$
A-4959-5	$1\frac{1}{4}$	$1\frac{3}{4}$
A-4959-6	$1\frac{1}{2}$	2
A-4959-7	2	$2\frac{1}{2}$

Rigid Plastic Level Gages...Flush



QUICK RESPONSE *— Hollow mounting studs provide large passages for liquid to enter the gage and to vent displaced air back into the tank, effecting quick level response. ½-20 threads are used for mounting.*

RIGID SIGHT *— Transparent, nylon sight with wide-angle viewing is extremely tough and will withstand a tremendous amount of duress, eliminating the hazards of glass breakage experienced on conventional designs. Sight is compatible with many chemicals, and it will retain its clarity through various temperature changes. Various level markings available on request.*

LEAKPROOF CONSTRUCTION *— For a leak - tight seal. Buna-N seals are furnished as standard. Other commercial seal materials are available.*

Style OGGF

RIGID PLASTIC LEVEL GAGES can be mounted flush against the outside surface of a liquid reservoir with only a small amount of protrusion.

Liquid level gages for flush mounting are used for a multitude of applications, such as on tanks, reservoirs, packaged hydraulic equipment, large steel mill pumps, hydraulic presses, and for any other application where it is desirable to indicate liquid levels.

Liquid level gages are used to determine the liquid level inside a metal reservoir by visual observation of the level in a transparent sight. The clarity and condition of the liquid can also be checked. Models with a thermometer will also show the temperature of the liquid.

Break resistant level gages show the liquid level clearly from all sides except the back, which has a reflector. These gages are made of clear, transparent, almost unbreakable nylon which can be furnished in many heights.

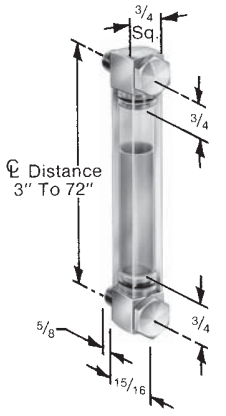
Back mounting gages are used on tanks permitting access to the inside in order to fasten the nuts on the mounting studs, inserted in drilled holes in reservoirs, Front mounting gages are used on reservoirs which do NOT permit access to the inside, therefore, the tank must have two tapped holes, ½ - 20, to receive the mounting studs, which are fastened from the outside.

SPECIFICATIONS:

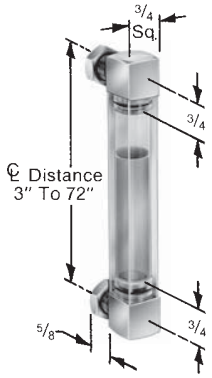
• Pressure	125 P.S.I. Max. at 72° F.
• Temperature	205° F. Max. at Atmospheric Pressure
• Centerline Distance Between Mtg. Holes	3" to 72" in 1" increments
• End Blocks	Aluminum Alloy
• Sight	Transparent Nylon
• Seals	Buna-N
• Mounting Shanks	Steel, Plated ½-20 N.F.

When Ordering Specify:

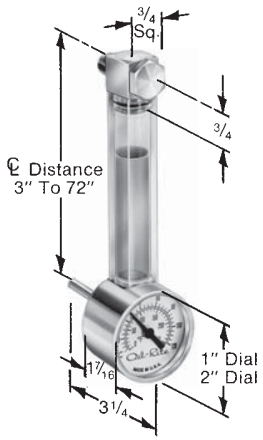
- Model Number
- CL Distance Between Mounting Studs
- Option/Accessories Catalog Numbers if Applicable



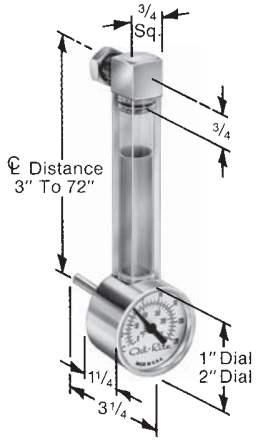
Front Mounting	
Style	**Model Number**
Plain	**B-1574-1**



Back Mounting	
Style	**Model Number**
Plain	**B-1573-1**



Front Mounting Thermometer	
Style	**Model Number**
1" Dial Thermo.	**B-1576-1**
2" Dial Thermo.	**B-1576-2**



Back Mounting Thermometer	
Style	**Model Number**
1" Dial Thermo.	**B-1575-1**
2" Dial Thermo.	**B-1575-2**

Option & Acc.	Shutoff Stud for Front Mtg. Gage	Tank Plug for Gage Removal	Straight Thread to N.P.T. Adapter		Washer for Cylindrical Mtg.	Support Bracket	Replacement Seal Kits	
			3/8" N.P.T.	1/2" N.P.T.			Plain	Thermometer
Part Number	A-4894-1	A-3580-1	B-1656-4	B-1572-2	B-742-10	A-2860-1	A-4985	A-4986

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