

MACBETH GAUGE GLASS

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FEATURES

The MACBETH Brand Gauge Glass is considered by many to be the "Standard of the Industry". These high quality gauge glasses are for use in armored-type gauge assemblies for observation of high temperature and high pressure liquid levels. Safety and quality starts with the use of special quality borosilicate glass that is manufactured under carefully controlled conditions. The glass is tempered to provide high strength and has a low degree of thermal expansion to resist thermal shock.

TYPES

The three standard types of gauge glass are listed:

Type A, Plain is designed for moderate-pressure steam boilers and liquid level indicators.

Type A, High Pressure is controlled to tighter flatness tolerances to be used in higher pressure applications.

Type B, Reflex is made for ease in determining liquid levels, especially in clear fluids. The glass has vertical prisms extending the full viewing length of the glass.

The prism side faces the liquid, and the sections of the prisms not covered in liquid reflect light brilliantly. The sections covered by liquids appear dark in contrast.

SPECIFICATIONS

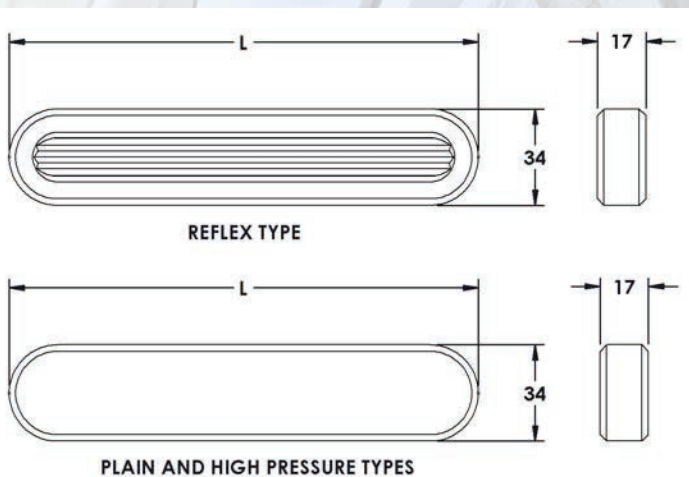
DIN 7081

BS 3463

MIL-G-16356 D (High Pressure Type only)



	Item Code	Size	Length (L)		Ratings		
			Inch	mm	Steam, No Mica	Steam, With Mica	Non-Steam
Type A, Plain	3400MB-01T	1	4 1/2	115	500 PSIG @ 470°F	1000 PSIG @ 608°F	5000 PSIG @ 100°F
	3400MB-02T	2	5 1/2	140			
	3400MB-03T	3	6 1/2	165			
	3400MB-04T	4	7 1/2	190			
	3400MB-05T	5	8 5/8	220			
	3400MB-06T	6	9 7/8	250			
	3400MB-07T	7	11	280			
	3400MB-08T	8	12 5/8	320			
	3400MB-09T	9	13 3/8	340			
Type B, Reflex	3400MB-01R	1	4 1/2	115	500 PSIG @ 470°F	Mica not used with Reflex	4000 PSIG @ 100°F
	3400MB-02R	2	5 1/2	140			
	3400MB-03R	3	6 1/2	165			
	3400MB-04R	4	7 1/2	190			
	3400MB-05R	5	8 5/8	220			
	3400MB-06R	6	9 7/8	250			
	3400MB-07R	7	11	280			
	3400MB-08R	8	12 5/8	320			
	3400MB-09R	9	13 3/8	340			
Type A, High Pressure	3400MB-01HP	1	4 1/2	115	500 PSIG @ 470°F	1500 PSIG @ 608°F	6000 PSIG @ 100°F
	3400MB-02HP	2	5 1/2	140			
	3400MB-03HP	3	6 1/2	165			
	3400MB-04HP	4	7 1/2	190			
	3400MB-05HP	5	8 5/8	220			
	3400MB-06HP	6	9 7/8	250			
	3400MB-07HP	7	11	280			
	3400MB-08HP	8	12 5/8	320			
	3400MB-09HP	9	13 3/8	340			



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