



Globe  
guided disc  
Fig 1123 IBBM

These IBBM valves are designed for dependable performance on steam, water, gas and oil lines where quick shut-off, control or regulation of flow is required. Bronze trim to handle fluids corrosive to iron. Seats are regrindable; discs and seats are renewable, without removing valves from the line.

**Bodies and bonnets** Close grained cast iron. Flanged ends make valves easy to install or remove in corrosive service.

**Stems** Stemalloy silicon bronze is extremely resistant to corrosion and embrittlement. Stem scoring and corrosion eliminated because stem never contacts iron.

**Discs** Solid bronze in 6" and smaller sizes; cast iron with bronze facing in larger sizes.

Lower guide on disc fits into bridge of seat ring for accurate alignment assuring a sure, tight fit.

**Seats** Bronze, Renewable and regrindable. Hole in bridge to accommodate guide on disc, assuring a tight seal.

**Repacking** Large stuffing box. Repackable under pressure when disc is wide open. Bronze backseat bushings for non-corrosive bearing contacts.

**Flanges** Flanged valves conform to American Standard Face to Face Dimensions, Ferrous Flanged Valves (ANSI B16.10-1973) for 125 lb Cast Iron Globe and Angle Valves.

Dimensions, drilling, and facing of flanges conform to American Cast Iron Flange Standard, Class 125 (ANSI B16.1-1975).

**Principal Parts and Materials**

Part	Fig/Sizes	Material	ASTM
Body & Bonnet	All	Cast Iron	A-126
Disc	<6"	Bronze	B-62
	>6"	Cast Iron with Bronze facing	A-126 & B-62
Stem	All	Stemalloy	B584 C87400
Seat Ring	All	Bronze	B-62
Packing	All	Non-Asbestos Braided Fiber	-
Gasket	All	Non-Asbestos Sheet	-

These valves comply with ANSI B16.1 and B16.10.



**Dimensions in inches Weights in Pounds**

Size	2	2 1/2	3	4	5	6	8	10
A	8	8 1/2	9 1/2	11 1/2	13	14	19 1/2	24 1/4
E	10 1/2	12 1/16	13 3/16	15 5/8	17 9/16	19 15/16	23 3/4	27 3/4
H	6	7	8	10	12	14	18	20
Fig 1123 Wts	32.0	45.0	60.0	101.0	142.0	189.0	356.0	575.0

