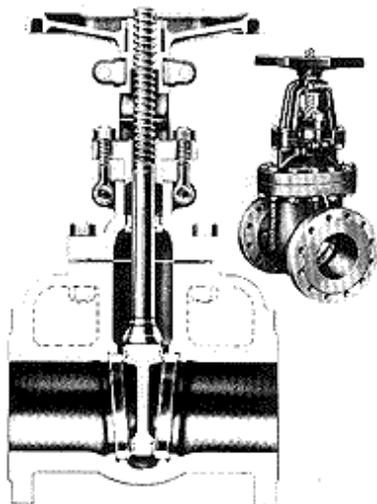


Class

250

Lunkenheimer
Iron Gate Valves

250 lb SP 450°F
500 lb WOG
Bolted bonnet/outside screw and yoke
Flanged end



Outside screw and yoke
Flanged end
Fig 1436 IBBM

Designed for dependable performance on high pressure steam, water, gas, and oil lines. Bronze mounted (IBBM) to handle fluids for above service. Bodies 6" and larger may be used with by-passes and drains.

Bodies and bonnets Close-grained cast iron. Bolted bonnets. Flanged and screw ends. Bronze trim (IBBM) for dependable service on steam, water, gas, and oil lines. Two supporting webs between pipe flanges and body flange help strengthen valve against pipe line strain. Bodies of 6" and larger have bosses for by-pass and drain connections.

Stems Stemalloy with Acme standard

threads. Outside screw and yoke design keeps threads outside body where they do not come in contact with corrosive fluids.

Discs Cast iron with bronze facing rings in 8" and larger sizes; all others solid bronze. Guide channels in disc are accurately machined and guide ribs in body are precisely cast, reducing wear.

Seats Renewable. Bronze, heavily constructed and rectangular in section. Seat ring inner faces seat against solid walls of body recess.

Repacking Large stuffing boxes; repackable under pressure when disc is wide open.

Flanges Flanged valves conform to American Standard Face to Face Dimensions, Ferrous Flanged Valves (ANSI B16.10-1973) for 250 lb Cast Iron Wedge Gate Valves. Dimensions, drilling, and facing of flanges conform to American Cast Iron Flange Standard, Class 250 (ANSI B16.1-1975). Flanges save 1/16" raised face. Shipped with flanges drilled unless otherwise specified.

Dimensions in inches Weights in Pounds

Size	2	2½	3	4	5	6	8	10	12
A	6	6 ⁵ / ₈	7¼	8 ⁹ / ₁₆	—	—	—	—	—
B	8½	9½	11 ¹ / ₈	12	15	15 ⁷ / ₈	16½	18	19¾
F	15 ³ / ₁₆	17 ¹¹ / ₁₆	19 ³ / ₁₆	23½	27 ¹¹ / ₁₆	32¼	39 ⁵ / ₁₆	47½	55 ³ / ₈
H	8	9	9	12	14	16	18	20	22
Fig 1436 Wts	57.0	80.0	103.0	174.0	262.0	359.0	558.0	827.0	1163.0



Principal Parts and Materials

Part	Fig/Sizes	Material	ASTM
Body & Bonnet	All	Cast Iron	A-126
Disc	<6"	Bronze	B-61
	>8"	Cast Iron with bronze facing	A-126 & B-61
Stem	All	Stemalloy	B-371 Alloy C69700
Seat Ring	All	Bronze	B-61
Packing	All	Non-Asbestos Braided Fiber	—
Gasket	All	Non-Asbestos Sheet	—

These valves comply with ANSI B16.1, B16.10, B2.1.

