

# Cast Iron Valves

JIS 5K/10K, Class 125



JIS 10K

GLOBE VALVE

Bolted bonnet, outside screw & yoke, rising stem.

Designed to JIS B2031

Fig. 10FCJ

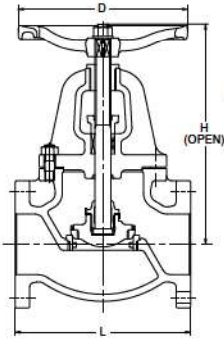
- Bronze trim

Fig. 10FCJS

- Stainless steel trim (13 Cr.)

Fig. 10FCJU

- Stainless steel trim (18-8)



Materials

Parts	Material	JIS Spec.		
		10FCJ	10FCJS	10FCJU
Body	Cast Iron	FC200		
Bonnet	Cast Iron	FC200		
Stem	Brass/Stainless Steel	C3771BD	SUS403	SUS304
Disc	11/4 & 2 2 1/2 & larger	Brass/Stainless Steel	CAC406	SUS403 SUS304
		Cast Iron	FC200	
Disc seat ring	Brass/Stainless Steel	CAC406	SUS403	SUS304
Body seat ring	Brass/Stainless Steel	CAC406	SUS403	SUS304
Gland	Ductile Iron	FCD-S		
Gland packing	Asbestos-free			
Gasket	Asbestos-free			
Gland bolt/nut	Carbon Steel			
Bonnet bolt/nut	Carbon Steel			
Yoke bushing	Bronze	CAC406		
Handwheel	1 1/2 to 6	Cast Iron	FC250	
	8 to 10	Ductile Iron	FCD400-15	
	12 only	Cast Iron	FC200	

For JIS Valves Pressure-Temperature Ratings MPa, refer to page 2.

Dimensions

Valve Size	B A	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L Face-to-face	40	190	200	220	240	290	360	410	500	620	700
H Height (OPEN)		260	277	307	353	404	467	533	620	665	883
D Diameter		160	180	180	225	280	300	350	450	450	500

CLASS 125

GLOBE VALVE

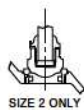
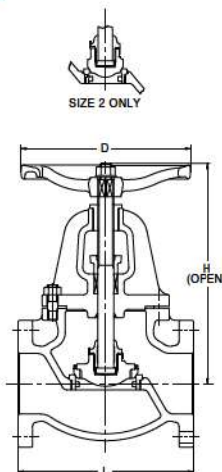
Bolted bonnet, outside screw & yoke, rising stem.

Fig. 125FCJ

- Bronze trim

Fig. 125FCJS

- Stainless steel trim (13 Cr.)



Materials

Parts	Material	ASTM Spec.	
		125FCJ	125FCJS
Body	Cast Iron	A126 CL. B	
Bonnet	Cast Iron	A126 CL. B	
Stem	Brass/Stainless Steel	B124 C37700	A276 type403
Disc	2 only	Brass/Stainless Steel	B62 A276 type403
	2 1/2 & larger	Cast Iron	A126 CL. B
Disc seat ring	Brass/Stainless Steel	B62	A276 type403
Body seat ring	Brass/Stainless Steel	B62	A276 type403
Gland	Ductile Iron		
Gland packing	Asbestos-free		
Gasket	Asbestos-free		
Gland bolt/nut	Carbon Steel		
Bonnet bolt/nut	Carbon Steel		
Yoke bushing	Bronze	B62	
Handwheel	2 to 6	Cast Iron	A126 CL.B
	8 only	Ductile Iron	

For Class 125 Valves Pressure-Temperature Ratings, refer to page 2.

Dimensions

Valve Size	NPS DN	2	2 1/2	3	4	5	6	8
L Face-to-face		203	216	241	292	330	356	495
H Height (OPEN)		277	307	353	404	467	533	620
D Diameter		180	180	225	280	300	350	450