

120°C Non-shock water 1.37 MPa, 120°C Water, oil, air 0.98 MPa
 120°C Gas 0.20 MPa, Saturated steam 0.69 MPa (Refer to Page 2 for size 14" to 24")

Designed to JIS B2031

Fig. 10FCL

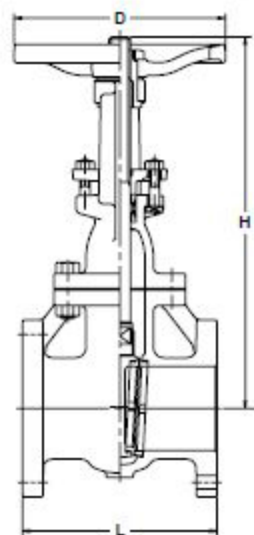
- Bronze trim

Fig. 10FCLS

- Stainless steel trim
(13 Cr.)

Fig. 10FCLU

- Stainless steel trim
(18-8)



SIZE 10 & LARGER

Materials

Parts		Material	JIS Spec.		
			10FCL	10FCLS	10FCLU
Body		Cast Iron	FC200		
Bonnet		Cast Iron	FC200		
Stem		Brass/Stainless Steel	C3771BD	SUS403	SUS304
Disc		Cast Iron	FC200		
Disc seat ring		Brass/Stainless Steel	CAC406	SUS403	SUS304
Body seat ring		Bronze	CAC406	SUS403	SUS304
Gland	11/2 to 14	Ductile Iron	FCD-S		
	16 to 24	Stainless Steel	SUS403		
Gland packing		Asbestos-free			
Gasket		Asbestos-free			
Gland bolt/nut		Carbon Steel	SS400		
Bonnet bolt/nut		Carbpn Steel	SS400		
Yoke sleeve		Bronze	CAC406		
Hand wheel	11/2 to 8	Cast Iron	FC250		
	10 to 24	Ductile Iron	FCD400		

Design Specifications

Items	
Shell wall thickness and general valve design*	JIS B2031
Face-to-face dimensions End-to-end dimensions	JIS B2031
End flange dimensions Gasket contact facing	JIS B2239 10K

*Nominal size 11/4, 14 and larger shall not be in accordance with JIS B2031

Dimensions

Valve Size	inch mm	1 1/2*	2	2 1/2	3	4	5	6	8	10	12	14*	16*	18*	20*	24*
L Face-to-face		165	180	190	200	230	250	270	290	330	350	381	406	432	457	508
H Height (OPEN)		306	343	389	462	547	648	759	956	1168	1363	1560	1795	1995	2230	2640
D Handwheel Diameter		160	170	170	200	250	280	300	350	400	450	500	600	600	680	760

*JIS Mark is not applicable