

JIS 10K

IRON SWING CHECK VALVE

Bolted cover, swing type disc.

120°C Non-shock water 1.37MPa, 120°C Water, oil, air 0.98MPa
Saturated steam 0.69MPa, 120°C Gas 0.69MPa

Designed to JIS B2031

Fig. 10FCO

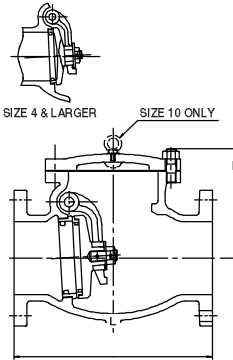
- Bronze trim

Fig. 10FCOS

- Stainless steel trim (13 Cr.)

Fig. 10FCOU

- Stainless steel trim (18-8)



Materials

Parts	Material	JIS Spec.		
		10FCO	10FCOS	10FCOS
Body	Cast Iron	FC200		
Cover	Cast Iron	FC200		
Hinge pin	Brass/Stainless Steel	C3771BD	SUS403	SUS304
Disc	11/4 & 4 Bronze/Stainless Steel	CAC406	SUS403	SUS304
	5 & lager Cast Iron	FC200		
Disc seat ring	Bronze/Stainless Steel	CAC406	SUS403	SUS304
Body seat ring	Bronze	CAC406	SUS403	SUS304
Arm	Stainless Steel	SCS13A		
Gasket	Asbestos-free			
Cover bolt/nut	Carbon Steel	SS400		

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, 10 and lager shall not be in accordance with JIS B2031

Dimensions

Valve Size	inch	1 ¹ / ₂ *	2	2 ¹ / ₂	3	4	5	6	8	10*	12*	14*	mm
L Face-to-face		190	200	220	240	290	360	410	500	620	700	787	
H Height		106	111	121	145	165	207	225	268	315	356	381	

Only 12" & 14" for 10FCOS & 10FCOU. *No JIS Mark

CLASS 125

IRON SWING CHECK VALVE

Bolted cover, swing type disc.

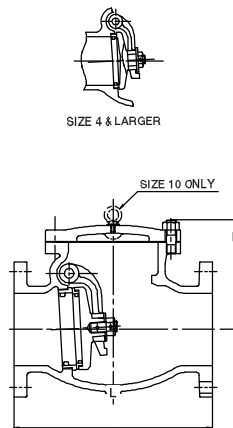
200psi. Water, oil, gas 65°C
125psi. Saturated steam

Fig. 125FCO

- Bronze trim

Fig. 125FCOS

- Stainless steel trim (13 Cr.)



Materials

Parts	Material	ASTM Spec.	
		125FCO	125FCOS
Body	Cast Iron	A126 CL. B	
Cover	Cast Iron	A126 CL. B	
Hinge pin	Brass/Stainless Steel	B124 C37700	A276 Type403
Disc	2 to 4 Bronze/Stainless Steel	B62	A182 Gr.F6a
	5 & lager Cast Iron	A126 CL. B	
Disc seat ring	Bronze/Stainless Steel	B62	A182 Gr.F6a
Body seat ring	Bronze/Stainless Steel	B62	A182 Gr.F6a
Arm	Stainless Steel	A351 Gr.CF8	
Gasket	Asbestos-free		
Cover bolt/nut	Carbon Steel		

Design Specifications

Items	
Shell wall thickness and general valve design	KITZ Standard
Face-to-face dimensions End-to-end dimensions	ASME B16.10 Class 125
End flange dimensions Gasket contact facing	ASME B16.1 Class 125

Dimensions

Valve Size	inch	2	2 ¹ / ₂	3	4	5	6	8	10	mm
L Face-to-face		203	216	241	292	330	356	495	622	
H Height (OPEN)		111	121	145	165	207	225	268	315	