

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

Fig. 10FCTB2L

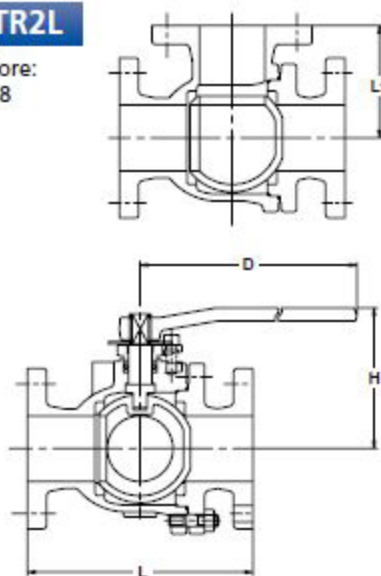
- Full Bore:  
Size 1 1/2 to 4



Blowout-proof stem

Fig. 10FCTR2L

- Reduced Bore:  
Size 5 to 8



## Materials

Parts	Material	JIS Spec.
Body	Cast Iron	FC200
Body cap	Cast Iron	FC200
Stem	Stainless Steel	SUS403
Ball	Stainless Steel	SCS13
Grand packing	PTFE	
Gasket	PTFE	
Ball Seat	PTFE	
Cap bolt/nut	Carbon Steel	SS400
Handle	Ductile Iron	FCD400



## Note:

- ① Flow is between Ports "A" and "C" in Form 1. Flow is between Ports "B" and "C" in Form 2. Flow paths in Form 1 and Form 2 can be changed each other.
- ② When the fluid pressure P2 in the closed path is higher than P1 in the open path, a little fluid leakage may occur to P1 through the ball seat of the closed path.

## Design Specifications

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

## Dimensions

Valve Size	inch mm	1 1/2	2	2 1/2	3	4	5	6	8	mm
L Face-to-face		210	220	250	260	330	370	430	540	
L1		105	110	125	130	165	185	215	270	
H Height		115	123	155	163	205	205	225	295	
D Handle		230	230	400	400	460	460	460	1000	