

Type YFC-2F, 20F Automatic Flow Control Valve

This product is suitable for places that require appropriate flow distribution, based on restriction on the maximum flow, and that require automatic flow restriction during constant flow rate operation of the instrument.



■ Features

- As a perfect balance type, it features outstanding control of the set flow in response to pressure fluctuations.
- Can be changed and adjusted on the field, and control range is wide.
- As a diaphragm type product, the range of applicable differential pressure is wide and superb in its ability to respond to rapid load fluctuations.
- The structure as a top-bottom separable type is simple and ensures easy handling, pipeline installation.

■ Specifications

Type	YFC-2F	YFC-20F	
Size	65~200A	65~200A	
Automatic differential pressure range	0.3~3kgf/cm ²	0.5~5kgf/cm ²	
Flow control range	5% of rated flow		
Applicable fluid	Cold/hot water, liquid		
Fluid temperature	150° C or below		
Flow variation	±5% of set flow		
Materials	Body	GC200	
	Disc, seat	STS	
	Diaphragm	EPDM	
End connection	KS 10K RF FLANGE	KS 20K RF FLANGE	
Hydraulic test pressure	1.5 time of applicable flange rating		

▶ Made-to-orders are available for valves with a size of 250 or larger.

■ Dimensions

(mm)

Type Size	YFC-2F				YFC-20F			
	L	H1	H2	Weight(kg)	L	H1	H2	Weight(kg)
65(2½")	276	185	548	50	292	140	720	55
80(3")	298	190	560	55	318	158	720	61
100(4")	352	200	567	69	368	160	735	78
125(5")	400	225	590	126	400	225	590	145
150(6")	451	263	625	158	473	263	625	197
200(8")	543	357	658	202	568	263	635	251

■ Dimensional drawing

