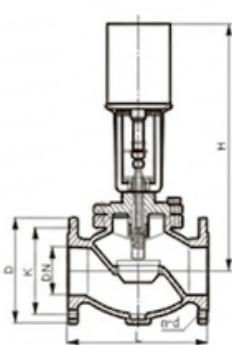




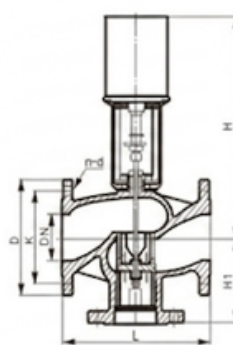
Two-Way Type



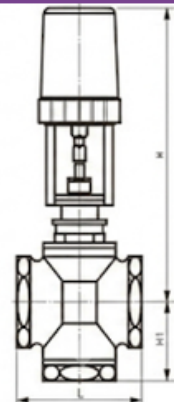
Three-Way Type



Two-Way Type



Three-Way Type



Applications

The CV/CF series control valves are used in heating, ventilation, and air-conditioning (HVAC) systems for the continuous modulating control of chilled water, hot water, and steam.

Main Technical Parameters (Two-way / 2-Way)

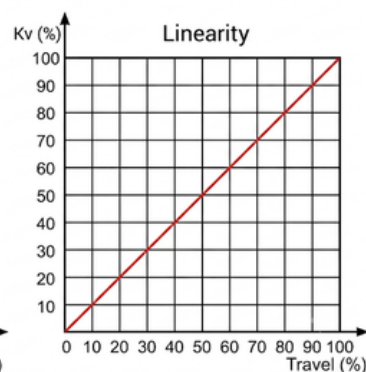
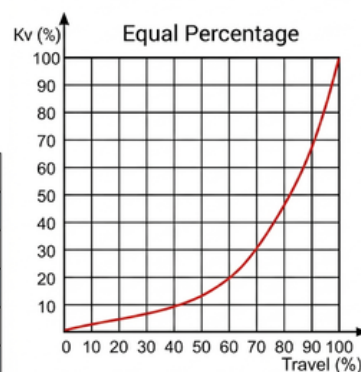
Medium	Hot-cold water, 50% glycol, Steam
Medium temperature	2~180°C
Nominal pressure (PN)	1600KPa
Flow feature	Equal percentage or linearity
Adjustable ratio	1:50
Leakage (m³/h)	0.01% of Kv value

Main Technical Parameters (Three-way / 2-Way)

Medium	Hot-cold water, 50% glycol, Steam
Medium temperature	2~180°C
PN	1600KPa
Flow feature	Equal percentage or linearity
Leakage	0.3% OF Kv value

Main Materials of Valves

Body, Bonnet	Gray cast iron HT200, WCB cast steel, Brass
Disc	Brass, Stainless steel SS
Stem	Stainless steel SS
Seal	Fluoroelastomer, PTFE



Technical Parameters

Model	Normal DN(mm)	Dimensions (mm)			Travel (mm)	Pressure Differential at Close (kPa)
		L	H1	H		
CV0253/CV0252	25	110	80	265	19	1400
CV0323/CV0322	32	120	85	270	22	800
CV0403/CV0402	40	130	85	275	22	500
CV0503/CV0502	50	145	90	285	22	400

Valve Types/Models and Connection Dimensions

Model	Norm DN(mm)	Dimension(mm)						Travel (mm)	Executor ΔPmax	Pressure differential at close KPa
		L	H	H1	D	K	n-d			
CF653/CF652	65	290	468	150	185	145	4-18	45	400	400
CF803/CF802	80	310	475	185	200	160	8-18	45	400	400
CF1003/CF1002	100	350	475	205	220	180	8-18	45	300	300
CF1503/CF1502	150	480	532	280	285	240	8-22	45	100	100
CF1253/CF1252	125	400	504	230	250	210	8-18	45	200	200
CF2003/CF2002	200	533	550	280	340	295	12-22	45	100	100