

# Valve Specification

Rubber seat butterfly valve made of ductile cast iron with excellent strength. With 3 types of disk materials, it can be used for a wide range of fluids. The disk made of aluminum bronze casting with excellent resistance to sea water is also available as a semi-standard. The rubber seat is fixed to the rigid resin back-up ring to reduce deformation and improve durability. It can be used stably even in the case of negative pressure in the piping.

## Specifications

Model	F
Type	Rubber seat butterfly valve
Structure	Centered shaft and disc type
Fluid	Water, Oils*1, Gas, Chemicals, Sea water*2
Flow direction	Both directions
Application	ON-OFF, Flow control
Max working pressure	1 MPa (250A), 0.5 MPa (300A)
Max allowable pressure	1 MPa

\*1: EPDM cannot be used for mineral oil and plant oil. \*2: When using in seawater, select the combination of the disk made of CAC 703 and the seat made of EPDM.

## Production range

Connection	For JIS 10K flange Wafer type	
Body material	FCD450	
Disk material	FCD450 + CNI PLTD / SUSF316 or SCS14 / CAC703*2*3	
Seat material	EPDM*1*2 / NBR	FKM*3
Stem seal material*4	NBR O-ring	FKM*3 O-ring
Size	250A, 300A	

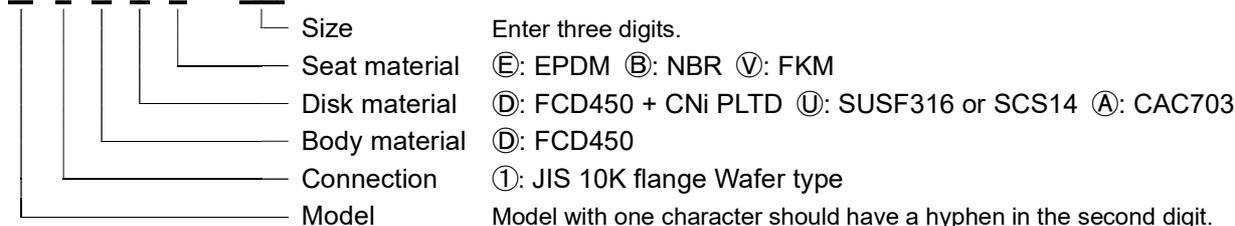
\*3: Semi-standard. \*4: The stem seal functions as a dust seal to prevent contamination from the outside. The fluid is sealed with a seat.

## Cv value and Range ability

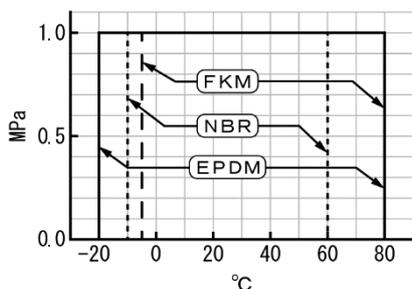
Size	250A	300A
Cv value	5580	8080
Range ability	30 : 1	

## Valve model code configuration

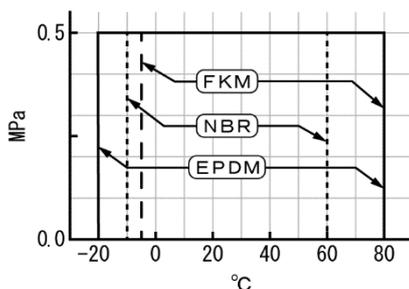
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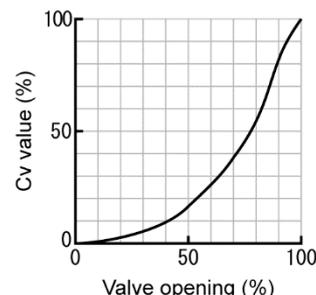
## Pressure & Temperature rating (250A)



## Pressure & Temperature rating (300A)



## Flow characteristic



Note) When used in hot water supply lines or in fluids containing chlorine, EPDM and NBR may deteriorate prematurely depending on conditions.