

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	FN
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
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

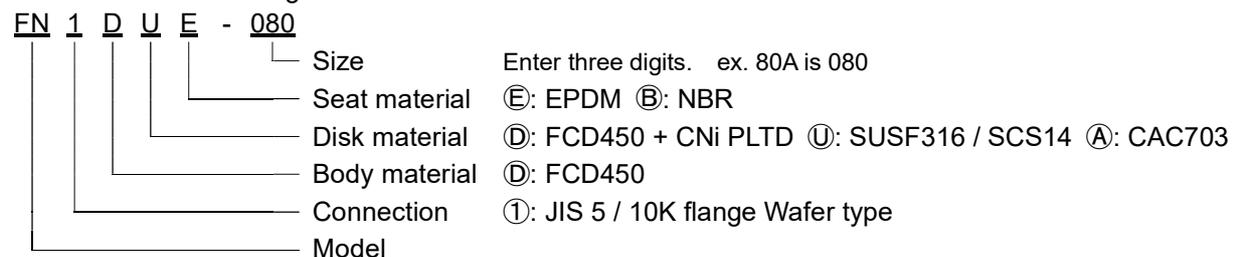
Connection	For JIS 5K and 10K flange Wafer type
Body material	FCD450
Disk material	FCD450 + CNI PLTD / SUSF316 or SCS14 / CAC703*2*3
Seat material	EPDM*1*2 / NBR
Stem seal material*4	NBR O-ring
Size	50A, 65A, 80A, 100A, 125A, 150A, 200A

*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.

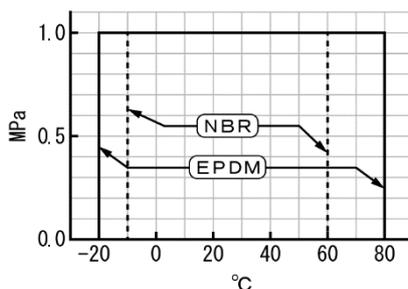
Cv value and Range ability

Size	50A	65A	80A	100A	125A	150A	200A
Cv value	159	266	457	860	1320	2020	3540
Range ability	30 : 1						

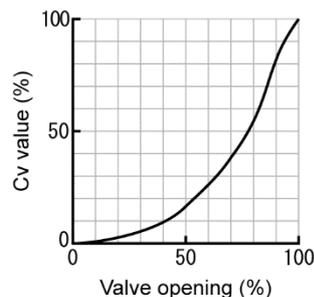
Valve model code configuration



Pressure & Temperature rating



Flow characteristic



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