

Valve Specification

Damper for air flow adjustment which does not seal even when fully closed. Since no resin or rubber seal is used, it can be used in a wide temperature range. The high-precision machining of the main body and disk has realized low leakage. The seal ring specification can cope with even lower leakage.

Specifications

Model	WT
Type	Butterfly damper
Structure	Single eccentric structure
Fluid	Gas
Flow direction	With designated flow direction
Application	ON-OFF, Flow control
Max working pressure	0.02 MPa
Max allowable pressure	0.02 MPa

Production range

Connection	For JIS 5K flange Wafer type	
Body material	SCS13A	
Disk material	SUS420J2 / SUS420J1	SUS410S / SUS420J2
Seat material	None	SUS316
Stem seal material	Expansion graphite (Gland packing retightening structure)	
Size	40A, 50A, 65A, 80A, 100A, 125A, 150A, 200A, 250A, 300A, 350A, 400A	

*Equivalents from other standards may be used for parts, depending on material availability.

Cv value and Range ability

Size	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A
Cv value	85	145	290	450	780	1200	1800	3200	5100	7200	8900	11000
Range ability	50 : 1											

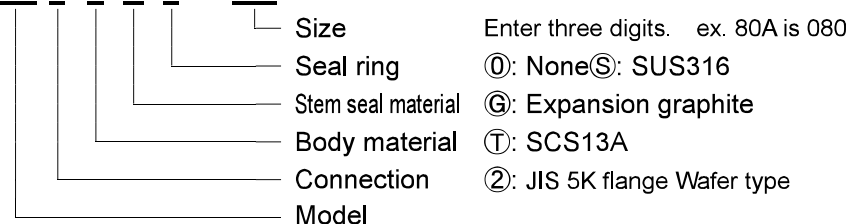
Seat leakage volume

Without seal ring	1 % or less of the maximum Cv value*1
With seal ring	0.1 % or less of the maximum Cv value*2

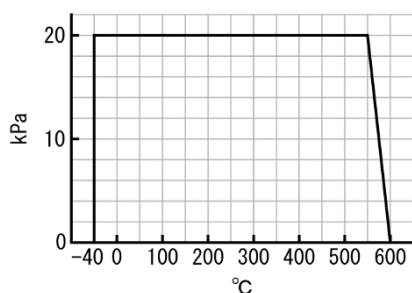
*1: 40 A and 50 A are less than 2%. *2: 40 A is 1% or less, 50 A is 0.5% or less, and 65 A is 0.2% or less.

Valve model code configuration

WT 2 I G 0 - 080



Pressure & Temperature rating



Flow characteristic

