

CF-60

For water supply 60°C

For hot water supply 90°C

CF-60 type is a constant flow valve used in water supply line of apartment building and medium-high rise buildings. The orifice opening is adjusted to keep the flow rate constant in response to pressure fluctuation on the primary side.



■Specification

Model		CF-60	
Size		25-50A	65-100A
Application		Cold and hot water	
Max pressure		1.0 MPa	
Working differential pressure		0.2-0.8 MPa	
Application temperature		5-60°C	
Set flow rate		As below	
Allowable set flow rate		Within ±20% of set flow rate	
Material	Body	Bronze (Npb treated)	
	Cartridge	POM&EPDM	
Connection		JIS Rc screwed	Flangeless (wafer type)*1
Installation posture		Horizontal or vertical installation	

*1 Apply to JIS 5KFF, JIS10KFF ASME class 150LB, ENPN10/16 flange standard.

■Set flow rate

Nominal size	Set flow rate (ℓ/min)		Nominal size	Set flow rate (ℓ/min)	
25A	20, 30, 38, 50, 70		65A	100, 125, 150, 190, 250, 350, 450,	
32A	20, 30, 38, 50, 70, 100		80A	140, 210, 260, 350, 490, 630, 700	
40A	40, 50, 60, 75, 100, 140, 180		100A	250, 300, 350, 500, 700, 900, 1000	
50A	60, 75, 90, 115, 150, 210, 270				

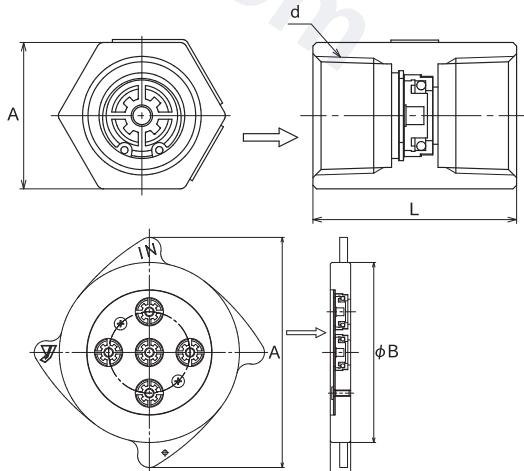
■Dimension and weight

• Screwed type (mm)

Nominal size	d	L	A	Weight (kg)
25A	Rc 1	57	41	0.4
32A	Rc 1-1/4	61	50	0.6
40A	Rc 1-1/2	63	58	1.0
50A	Rc 2	77	70	1.4

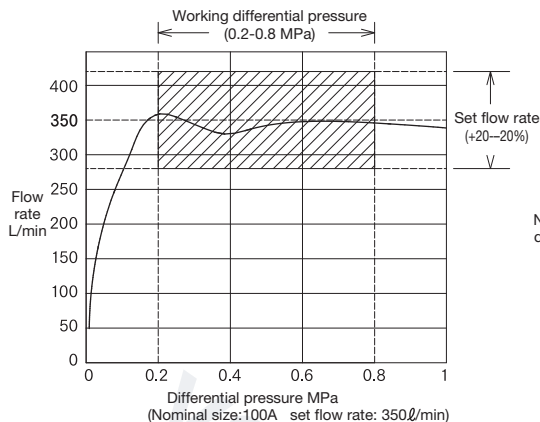
Wafer type (mm)

Nominal size	L	A	B	Weight (kg)
65A	13	147	115	1.0
80A	13	158	126	1.2
100A	13	178	146	1.5

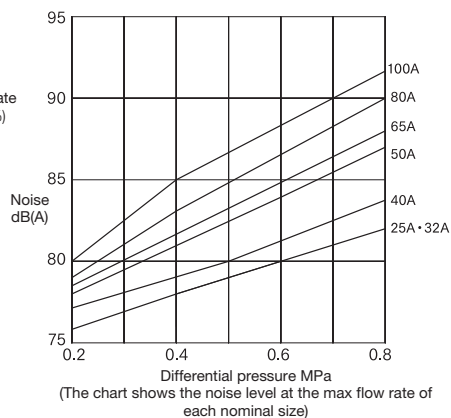


* Structure will be differ depending on size.

Flow rate characteristic chart

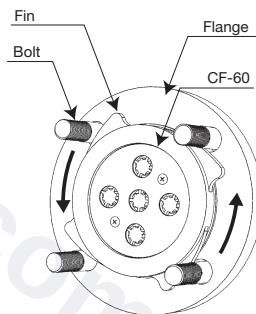


Noise characteristic chart



■ Caution upon installing product

- (1) To install the product, check the direction of the product so that the fluid flowing and mark on the product are in the same direction.
 - For screwed connection, the arrow is shown on the label.
 - For wafer connection, "IN/OUT" is shown on the fin.
- (2) When using this product, running sound occur. Please install it as far away as possible from places where low noise is required.
- (3) On installation, align center part of the product with that of flange by making fin-shaped part contact with bolt as indicated in the right figure.
- (4) Install a strainer(mesh size of 60 or 80) at the inlet side of the product.
- (5) The majority of product failures are happened due to scale such as sands and dust in the pipeline. Please pay attention to the dust inside the pipeline.
- (6) The products cannot be used with pipe end core.



* Flange and bolts are not included.

■ Piping example

