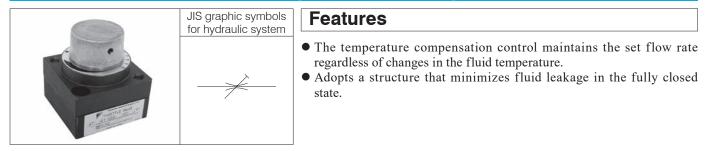
Internet

https://www.daikinpmc.com/en/ For latest information, PDF catalogs and operation manuals

# **Throttle Valves (with Temperature Compensation Control)**



#### Nomenclature

- 10 6
4 Nominal diameter
02: 1⁄4
5 Maximum control flow rate
2: 2 L/min (Pressure difference: 2 MPa {20 kgf/cm <sup>2</sup> })
10: 10 L/min (Pressure difference: 2 MPa {20 kgf/cm <sup>2</sup> })
6 Design No.
(The design No. is subject to change)

#### Specifications

Model code	Nominal diameter	Maximum operating pressure MPa {kgf/cm <sup>2</sup> }	Maximum control flow rate* <sup>1</sup> L/min	Mass kg
ST-G02- 2-10	1/	7 (70)	2	0.6
ST-G02-10-10	/4	7 {70}	10	0.6

Note: \*1 The maximum control flow rates indicated are the values when the pressure difference between the inlet and outlet ports is 2 MPa {20 kgf/cm<sup>2</sup>}.

### Sub-plate model code

Quantity

2

• The sub-plate is not provided with the valve. Order it separately if required by specifying the model code given in the table below.

Model code	Nominal diameter	Connection port diameter	Mass kg	
SF-02M	1⁄4	Rc¼	0.5	

Tightening torque

N·m {kgf·cm}

10 to 12.5 {100 to 125}

Refer to Page S-8 for the dimensions of the sub-plate.

#### Accessories

Hexagon socket

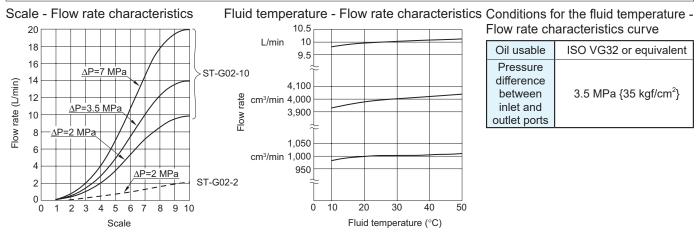
head cap bolt

 $M6 \times 30$ 

#### Handling

- Use the valve in combination with a line filter with a filtration accuracy of  $10 \ \mu m$  or better.
- When a throttle valve with check valve is required, order SMC-02-05-10 on Page F-19 separately and stack it with the valve.

## Performance curves (viscosity: 32 mm<sup>2</sup>/s {cSt})



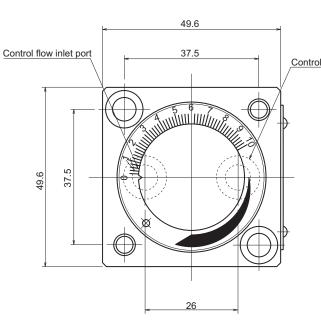
### Internet

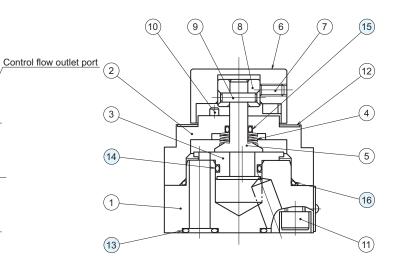
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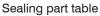
ST-G02

## External dimension diagram Sectional structural diagram

#### ST-G02







Part No.	Name	Quantity	Part specifications
13	O-ring	2	JIS B 2401 1A P9
14	O-ring	1	AS568-014 (NBR,Hs70)
15	O-ring	1	JIS B 2401 1A P6
16	O-ring	1	AS568-028 (NBR,Hs70)

