

Stop Valves



Features

- Used as a stop valve for a hydraulic circuit only to open/close the circuit. The highly user-friendly handle enables smooth opening/closing.

Nomenclature



1 Model No.
HDCV: Stop valve

2 Connections
T: Screw connection type
F: Flange connection type

3 Nominal diameter
03: 3/8
06: 3/4
10: 1 1/4
12: 1 1/2
16: 2

Specifications

Model code		Nominal diameter	Maximum operating pressure MPa {kgf/cm ² }	Maximum flow rate L/min	Mass kg	
Screw connection type (T)	Flange connection type (F)				Screw connection type (T)	Flange connection type (F)
HDCV-T03	-	3/8	21 {210}	25	1.9	-
HDCV-T06	HDCV-F06	3/4		90	4.2	5.4
HDCV-T10	HDCV-F10	1 1/4		280	10.4	12.5
-	HDCV-F12	1 1/2		380	-	20.0
-	HDCV-F16	2		440	-	27.2

Model code	Dimensions						
	A	B	C	D	E	F	H
HDCV-T03	90	45	57	80	M32 × 1.5	3/8	136
HDCV-T06	110	65	80	120	M40 × 1.5	3/4	181

Stop Valve for Pressure Gauges



Features

- Installation of this valve enables replacement of the pressure gauge, due to it being damaged for example, without stopping all the equipment. It is also possible to prolong the service life of the pressure gauge by closing the valve except when pressure measurement is required.

Nomenclature

GV - ※ ※ ※
1 2 3 4

1 Model No.

GV: Stop valve

2 Fluid flow direction

A: Straight
 G: Right angle

3 Inlet side piping port

2: Rc $\frac{1}{4}$
 3: Rc $\frac{3}{8}$

4 Outlet side piping port

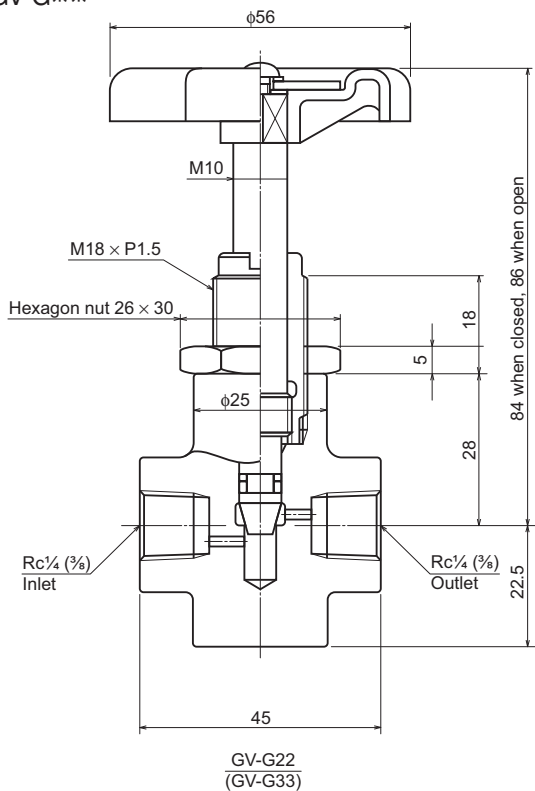
2: Rc $\frac{1}{4}$
 3: Rc $\frac{3}{8}$

Specifications

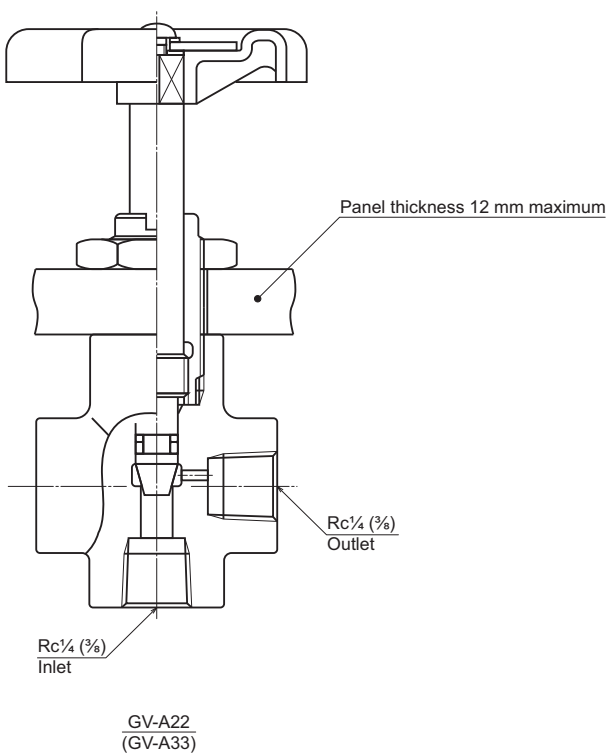
Model code	Maximum operating pressure MPa {kgf/cm ² }	Mass kg
GV-※22	21 {210}	0.4
GV-※33		

External dimension diagram

GV-G※※



GV-A※※



(Dimensions in parentheses are for GV-G33 or GV-A33.)

Gauge Damper



Features

- Used to absorb pressure fluctuations (pulsation, surge pressure, etc.) to make it easier to read the pressure gauge and to prolong its service life.

Nomenclature

DGV - ※ ※

1 2

1 Model No.

DGV: Gauge damper

2 Piping diameter

02: G¹/₄, R³/₈

03: G³/₈, R³/₈

Specifications

Model code	Maximum operating pressure MPa {kgf/cm ² }	Mass kg
DGV-※※	14 {140}	0.4

Handling

- Do not overtighten the adjusting screw.
- Be sure to lock the adjusting screw with the lock nut after adjustment.

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