

GD-8N

Direct type	Pilot type	Piston	Diaphragm
Bellows	Internal sensing	External sensing	Stainless steel
With handle	Built-in strainer	Low pressure	Remote
Valve leakage 0	Nylon		

■Features

1. Excellent corrosion-resistant and durability, since all wetted parts are stainless steel (SUS316).
2. The parts are degreased and free of grease.
3. The valve can be fitted with a pressure gauge to measure the outlet pressure.

■Specifications

Model		GD-8N
Application	Pure water, Cold and hot water, Air, Nitrogen gas, Carbon dioxide gas, Argon gas	
Inlet pressure	0.1-1.0 MPa	
Reduced pressure	0.05-0.7 MPa *1	
Adjusted reduced pressure	85% or less of inlet pressure (gauge pressure)	
Application temperature	5-60°C	
Material	Body	Stainless steel (SUS316)
	Valve	Stainless steel
	Diaphragm	Fluororesin
	Pressure-resistant diaphragm	FKM
Structure	Non-relief type	
Connection	JIS Rc screwed	

*1 Available with reduced pressure of 0.02 to 0.2 MPa (for low pressure)

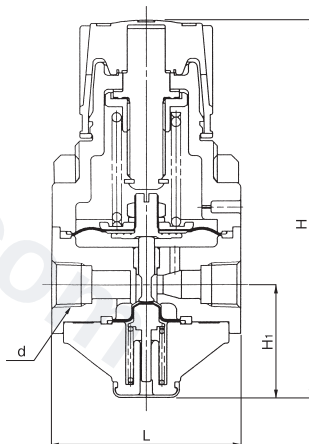
· Pressure gauge connection port is JIS Rc 1/4 screwed.

(Select from MAX 1.0 MPa, 0.4 MPa, 0.2 MPa)

· Available with dedicated brackets.

■Dimensions (mm) and Weights (kg)

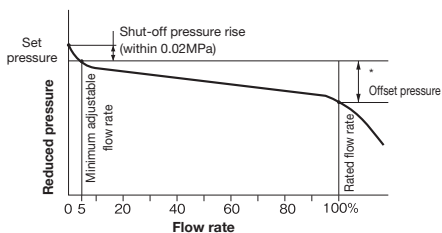
Nominal size	d	L	H	H ₁	Weight
6A	Rc 1/8	40	80.5	24	0.36
8A	Rc 1/4	40	80.5	24	0.36
10A	Rc 3/8	58	101.5	33.5	0.73
15A	Rc 1/2	58	101.5	33.5	0.73



Structure is different depends on nominal size.

■GD-8N Selection Chart

Flow Characteristic Chart and Cv Value



* Offset pressure and Cv value

Nominal size	Reduced pressure	Offset pressure	Cv value
6A-8A	0.02-0.2 MPa	Within 0.03MPa	0.1
	0.05-0.7 MPa	Within 0.05MPa	0.1
10A-15A	0.02-0.2 MPa	Within 0.03MPa	0.2
	0.05-0.7 MPa	Within 0.05MPa	0.2