



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

Pressure Reducing Valve | Water

VGD24

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

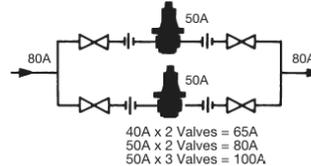
1. Direct acting and hanging type, no sliding parts. Free of performance deterioration caused by wear of sliding parts and great durability.
2. Wetted parts are made of corrosion-resistant material to prevent rusty water.
3. Highly wear-resistance and durability of stainless steel made valve seat.
4. Closed structure keeps fluid inside even if the diaphragm is damaged or broken.
5. Horizontal or vertical piping is possible.



VGD24

Pressure Reducing Valve

· If a large capacity is required, valves can be installed in parallel.



■ Specifications

Model	VGD24	
Application	Cold and hot water, Flushing water	
Inlet pressure	0.2-1.6 MPa	
Reduced pressure	0.05-0.55 MPa	
Minimum differential pressure	0.05 MPa	
Maximum pressure reduction ratio	10:1	
Application temperature	5-80°C *	
Material	Body	Cast bronze
	Valve	Bronze
	Valve disc	Urethane rubber
	Valve seat	Stainless steel
	Diaphragm	NBR
	Cap	Bronze
	Plug	Stainless steel
Connection	JIS Rc screwed	

* Do not use the valve continuously at a temperature of 70°C or above.

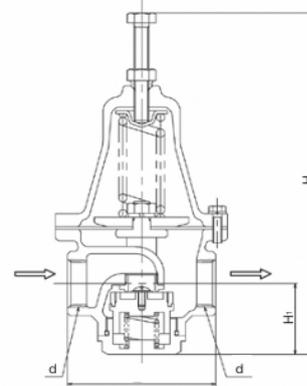


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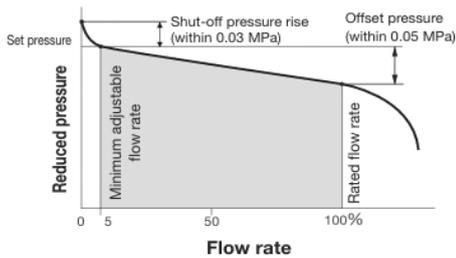
Pressure Reducing Valve

■ Dimensions (mm) and Weights (kg)

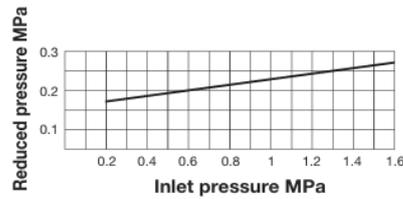
Nominal size	d	L	H	H ₁	Weight
15A	Rc 1/2	80	193	42	1.8
20A	Rc 3/4	90	210	45	2.4
25A	Rc 1	100	230	50	3.3
31A	Rc 1-1/4	120	265	60	4.7
40A	Rc 1-1/2	150	315	62	8.2
50A	Rc 2	185	365	73	14.3



Flow Characteristic Chart



Pressure Characteristic Chart



This chart shows variation in reduced pressure when the inlet pressure of 0.6 MPa is changed between 0.2 MPa and 1.6 MPa while the reduced pressure is set at 0.2 MPa.

Nominal Sizes Selection Chart (For Water)

