GD-6

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. High accurate controllability of reduced pressure even at small flow rate.
2. Simple in structure, less prone to fail and easy to maintain.
3. Compact and lightweight.

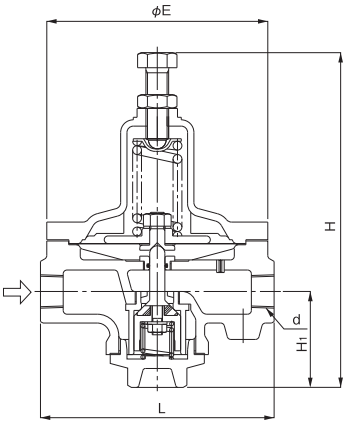
■Specifications

Model		GD-6
Application		Cold and hot water, Oil, Air, Other non-dangerous fluids
Inlet pressure		0.1-1.0 MPa
Reduced pressure		(A) 0.02-0.1 MPa (Nameplate color: yellow) (B) 0.1-0.4 MPa (Nameplate color: blue)
Minimum differential pressure		0.05 MPa
Maximum pressure reduction ratio		10:1
Application temperature		5-80°C
Valve seat leakage		None
Fluid viscosity		300 cSt or less
Material	Body	Ductile cast iron *1
	Valve, valve seat	Brass and bronze (FKM disc incorporated) *2
	Diaphragm	Stainless steel
Connection		JIS Rc screwed

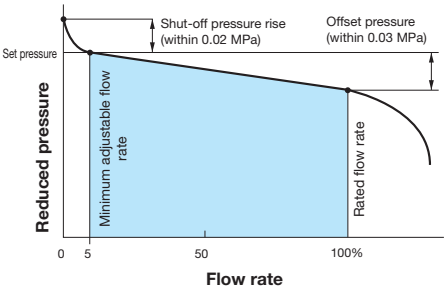
*1 Available with stainless steel wetted parts and all stainless steel made on request.
*2 Available with stainless steel made valve disc and valve seat on request. Also available with PTFE disc on request.
· Available with anticorrosive (fluororesin-coated) type on request.

■Dimensions (mm) and Weights (kg)

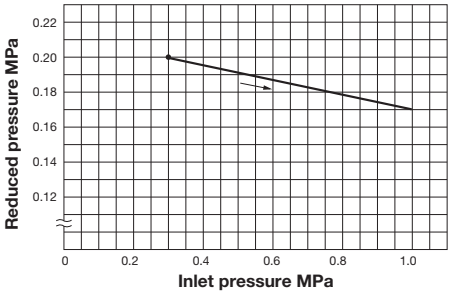
Nominal size	d	L	H	H_1	E	Weight
10A	Rc 3/8	165	243	57	155	5.5
15A	Rc 1/2	165	243	57	155	5.5
20A	Rc 3/4	185	267	76	175	8.2
25A	Rc 1	185	267	76	175	8.2



Flow Characteristic Chart

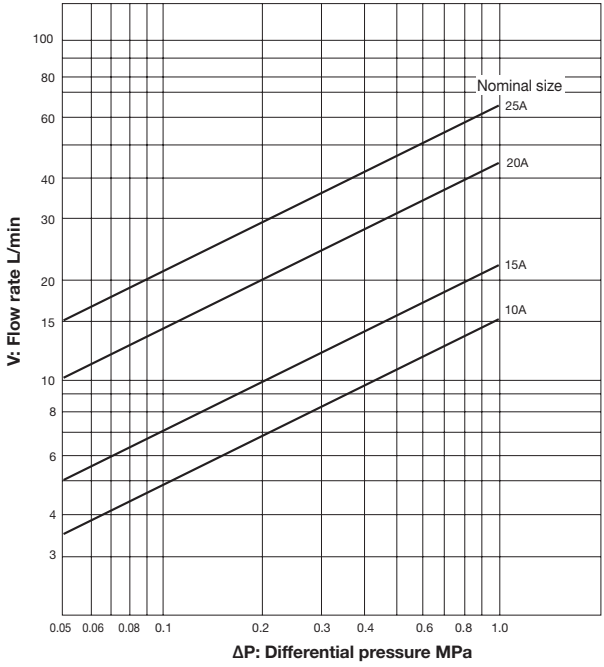


Pressure Characteristic Chart

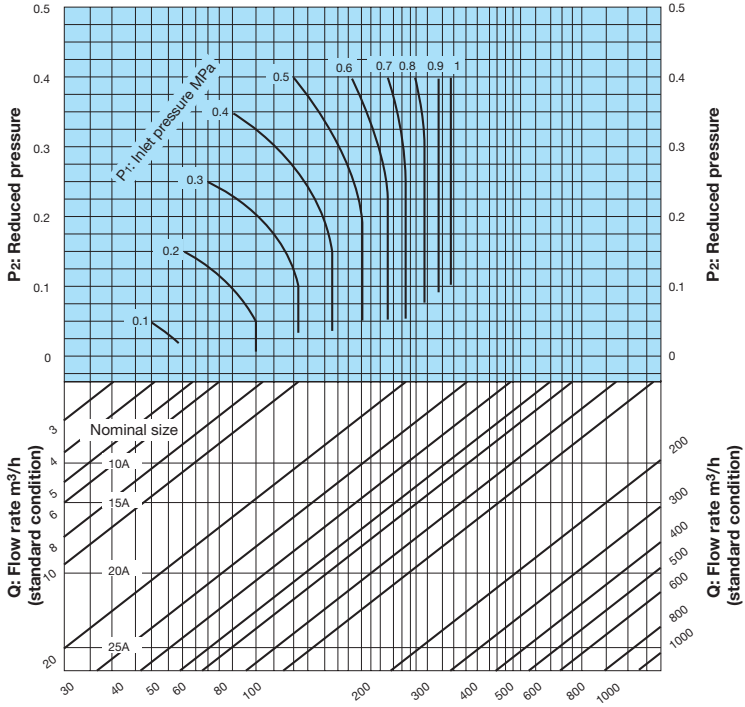


This chart shows variation in reduced pressure when the inlet pressure of 0.3 MPa is changed between 0.3 MPa and 1.0 MPa while the reduced pressure is set at 0.2 MPa.

■GD-6 Nominal Sizes Selection Chart (For Water)



■GD-6 Nominal Sizes Selection Chart (For Air)



* Set the safety factor at 80 to 90%.