

GD-4R

Direct type	Pilot type	Diaphragm	Piston
Bellows	Internal sensing	External sensing	Stainless steel
Nylon	Slight pressure	DP regulating	Pressure sustaining



■Features

1. Used as a safety apparatus for adjusting slight pressure air and gases. Able to use at industrial plant.
2. Diaphragm with a large pressure sensing area has high accuracy to set pressure.
3. No leakage to outside since there is no gland part.

■Specifications

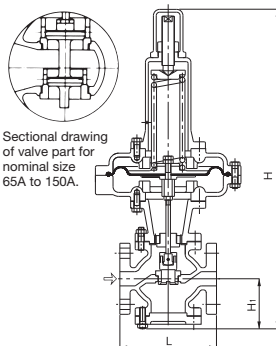
Application	Air, Other non-dangerous fluids					
Nominal size	20-50A			65-150A		
Diaphragm diameter (mm)	φ 400	φ 340	φ 256	φ 400	φ 340	φ 256
Pressure regulating range (kPa)	2-5	5-10	10-25	2-4	10-20	20-50
			25-50	4-6		50-100
			50-100	6-10		100-200
			100-200			
Adjusted reduced pressure	5-80°C					
Valve seat leakage	0.1% or less of rated flow rate			0.5% or less of rated flow rate		
Material	Body			Cast iron		
	Valve			Stainless steel		
	Valve seat, Spindle			Stainless steel		
	Diaphragm			NBR		
Connection	JIS 10K FF flanged					

■Dimensions (mm) and Weights (kg)

Nominal size	L	H		H ₁	Weight
		Ha	Hb		
20A	170	565	580	90	27
25A	170	565	580	90	28
32A	180	585	600	100	28
40A	180	585	600	100	29
50A	180	595	610	105	31
65A	215	700	715	125	39
80A	260	715	730	130	48
100A	300	785	800	160	64
125A	360	840	855	190	88
150A	382	895	910	220	123

* Dimension H will be different depends on diaphragm diameter. (Ha: φ 256
Hb: φ 340, φ 400)

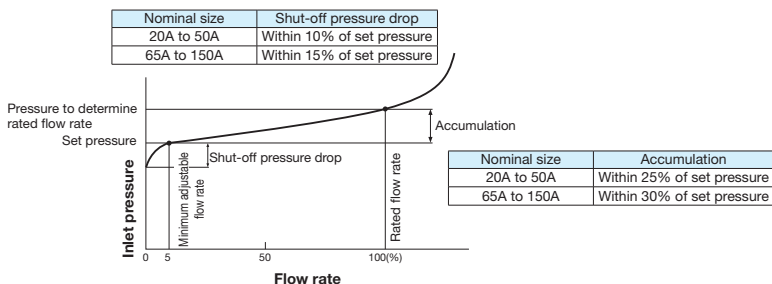
* The value of product weights are when diaphragm diameter is φ 256. Please add 5 kg for φ 340, and 9 kg for φ 400.



Sectional drawing of valve part for nominal size 65A to 150A.

Structure will be different depends on nominal size and diaphragm diameter.

GD-4R Flow Characteristic Chart



GD-4R Nominal Size Selection Chart (For Air)

