

# GP-1000HEN, 1000H

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

## ■Features

1. The GP-1000HEN can be replaced easily from existing valve because it complies with face-to-face dimensions of the EN standard.
2. Respond very sharply to the fluctuation of inlet pressure and the change of the flow rate, so that the reduced pressure can be kept at a constant level.
3. Pressure adjustment is easy, and the set pressure range is wide.
4. Compliant with the standard of SHASE-S106 Pressure Reducing Valves (by the Society of Heating, Air-Conditioning and Sanitary Engineers of Japan).



GP-1000H

## ■Specifications

Model	GP-1000HEN	GP-1000H
Application	Steam	
Inlet pressure	0.1-1.6 MPa	
Reduced pressure	(A) 0.05-0.9 MPa (B) 0.9-1.4 MPa	
	90% or less of inlet pressure (gauge pressure)	
Minimum differential pressure	0.05 MPa	
Maximum pressure reduction ratio	20:1	
Maximum temperature	220°C	
Valve seat leakage	0.01% or less of rated flow rate	
Material	Body	
	Ductile cast iron	
	Main valve, valve seat	
	Stainless steel	
	Pilot valve, pilot valve seat	
Stainless steel		
Piston, cylinder		
Stainless steel		
Diaphragm		
Stainless steel		
Connection	EN PN25 flanged	JIS 16K FF flanged ASME Class 300 flanged

- Available with JIS Rc screwed (GP-1010H).
- For 15A, 20A, ASME flange is not available.

## ■Dimensions (mm) and Weights (kg)

Nominal size	L		H	H <sub>1</sub>	Weight	
	GP-1000HEN	GP-1000H			GP-1000HEN	GP-1000H
15A	150	150 (-)	291	64	8.0	8.0 (-)
20A	150	155 (-)	291	64	8.5	8.5 (-)
25A	160	160 (160)	300	67	10.0	10.0 (10.0)
32A	180	190 (180)	333	82	14.0	14.0 (14.0)
40A	200	190 (200)	333	82	15.5	14.5 (15.5)
50A	230	220 (230)	353	93	21.0	20.0 (21.0)
65A	290	245 (278)	357	100	30.0	30.0 (30.0)
80A	310	290 (310)	404	122	37.0	35.0 (37.0)
100A	350	330 (350)	450	144	57.0	52.5 (57.0)

- The values in parentheses are the dimensions of ASME Class 300 flanged.

