

GD-41,43,41N,43N

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



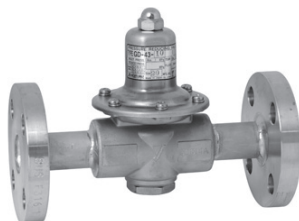
JWWA approval
(GD-41N, GD-43N)

■Features

1. Space saving and resource saving are achieved (used materials are shown on the body and lower cap, thus separate collection of parts for resource recycling is easy).
2. Stainless steel (SCS14A and SUS316) is used for wetted parts, improving corrosion resistance.
3. PTFE covers diaphragm contact surface to fluid, making the diaphragm less liable to deteriorate and highly durable.
4. Special fluorine-contained rubber parts are resistant to corrosion.
5. Pressure balance structure can keep the reduced pressure at a constant level without being affected by inlet pressure.
6. Closed structure keeps fluid from flowing to outside even if the diaphragm is damaged or broken.
7. Safe fluorine grease is applied to O-ring.
8. Can be applied to piping washing, system washing, sterilization washing and steam for sterilization.



GD-41, 41N



GD-43, 43N

■Specifications

Model	GD-41	GD-43-10	GD-43-20	GD-41N	GD-43N-10	GD-43N-20
Application	Cold and hot water Steam for washing or sterilization					
Inlet pressure	0.07-2.0 MPa (0.2 MPa or less for steam for washing or sterilization) *2					
Reduced pressure	(A) Yellow spring: 0.02-0.1 MPa <Standard setting: 0.05 MPa> (B) Red spring: 0.1-0.25 MPa <Standard setting: 0.1 MPa> (C) Black spring: 0.25-0.5 MPa <Standard setting: 0.3 MPa>					
Minimum differential pressure	0.05 MPa					
Maximum pressure reduction ratio	Cold and hot water: 10:1					
Fluid temperature	5-90°C (The maximum temperature of steam for washing or sterilization is 130°C. Allow an interval of at least four hours between steam flows.)					
Material	Body	Cast Stainless steel (SCS14A)				
	Valve disc	Special synthetic rubber (special FKM)				
	Diaphragm	Heat-resistant synthetic rubber and PTFE (PTFE applied to wetted face)				
Connection	JIS Rc screwed	JIS 10K FF flanged	JIS 20K RF flanged	JIS Rc screwed	JIS 10K FF flanged	JIS 20K RF flanged

*1 Available with JIS 5K and JIS 16K for GD-43 and GD-43N.

*2 The inlet pressure of the GD-43-10 and GD-43N-10 is 0.07 to 1.0 MPa.

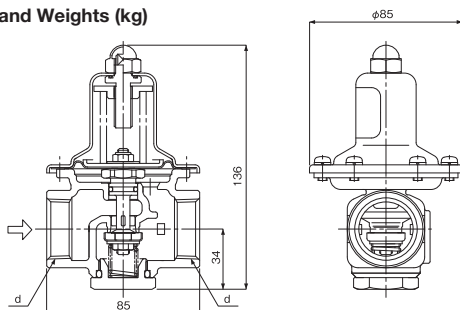
· If using for washing steam or sterilization steam, be sure that maximum temperature is 130°C and avoid continuous use for more than 30 minutes.

· Available with pressure gauge (JIS Rc 1/8 screwed).



■ Dimensions (mm) and Weights (kg)

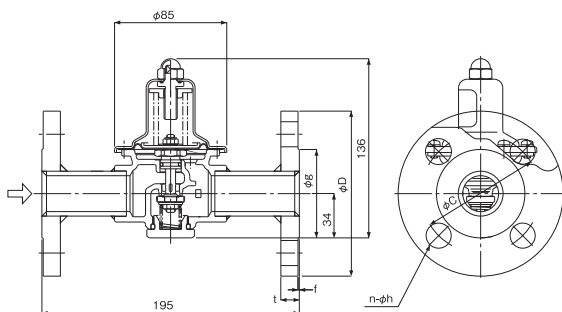
• GD-41 · 41N



Nominal size	d	Weight
15A	Rc 1/2	1.2
20A	Rc 3/4	1.1
25A	Rc 1	1.0

* All dimensions are same except connection size.

• GD-43 · 43N



* All dimensions are same except flange size.

(mm)

Size	JIS 20KRF flange						Weight (kg)
	D	C	g	t	f	n-h	
15A	95	70	51	14 (12)	1	4-15	2.8 (2.6)
20A	100	75	56	16 (14)	1	4-15	3.0 (2.9)
25A	125	90	67	16 (14)	1	4-19	4.0 (3.7)

* The values in parenthesis are the weights of the GD-43-10, GD-43N-10.