

GDK-2000

Features

1. Due to direct acting type the actuating parts are fewer and structure is simple but robust.
2. Spherical main valve offers great sealability and great reduction of valve seat leakage (compliant with ANSI Class IV).
3. Large-size diaphragm ensures high Cv value and distinguished controllability against load fluctuations.
4. Remote operation makes pressure adjustment easy, and the pressure setting is wide.



Flanged type

Specifications

Model		GDK-2000		
Application		Steam		
Reduced pressure sensing method		External sensing		
Inlet pressure		0.1-2.0 MPa		0.1-1.0 MPa
Reduced pressure		0.05-1.4 MPa		0.05-0.9 MPa
		90% or less of inlet pressure (gauge pressure)		
Operation air pressure		Refer to the loading air pressure-set pressure chart.		
Minimum differential pressure		0.05 MPa		
Maximum pressure reduction ratio		10:1		
Maximum temperature		220℃		
Valve seat leakage		0.01% or less of rated flow		
Material	Body	Ductile cast iron		
	Valve	Stainless steel		
	Valve seat	Stainless steel		
	Diaphragm	Stainless steel		
Reduced pressure sensing pipe		Copper pipe ϕ 8-2 m		
Connection		JIS Rc screwed	JIS 20K RF flanged	JIS 10K FF flanged

• Available with ASME or EN flanged.

Dimensions (mm) and Weights (kg)

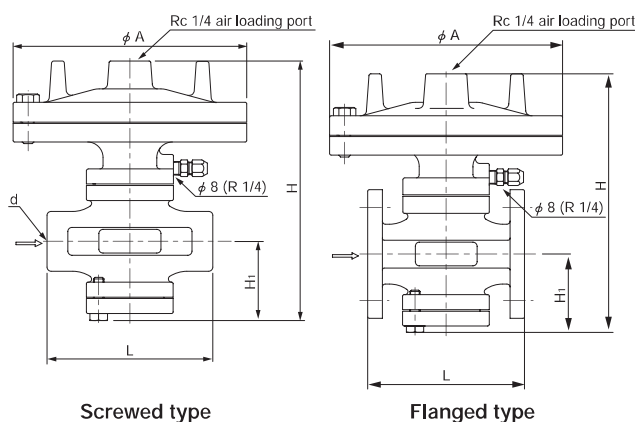
●Screwed type

Nominal size	d	L	H ₁	H	A	Weight
15A	Rc 1/2	150	74	244	200	12.4
20A	Rc 3/4	150	74	244	200	12.4
25A	Rc 1	160	76	251	226	16.4
32A	Rc 1-1/4	180	90	282	226	19.9
40A	Rc 1-1/2	180	90	282	226	19.9
50A	Rc 2	230	103	319	276	30.5

●Flanged type

Nominal size	L	H ₁	H	A	Weight
15A	146 (142)	74	244	200	13.9 (13.7)
20A	146 (142)	74	244	200	14.4 (14.2)
25A	156 (152)	76	251	226	19.2 (18.8)
32A	176 (172)	90	282	226	22.4 (22.0)
40A	196 (192)	90	282	226	22.9 (22.5)
50A	222 (218)	103	319	276	33.5 (33.5)
65A	282 (278)	122	373	352	61.8 (61.5)
80A	302 (294)	135	399	352	69.1 (66.9)
100A	342 (330)	167	488	401	108.6 (105.0)

• The above values in parentheses are the dimensions and weights of JIS 10K FF flanged.



Screwed type

Flanged type