



FUKUI

RGX-S Series

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◆ Features

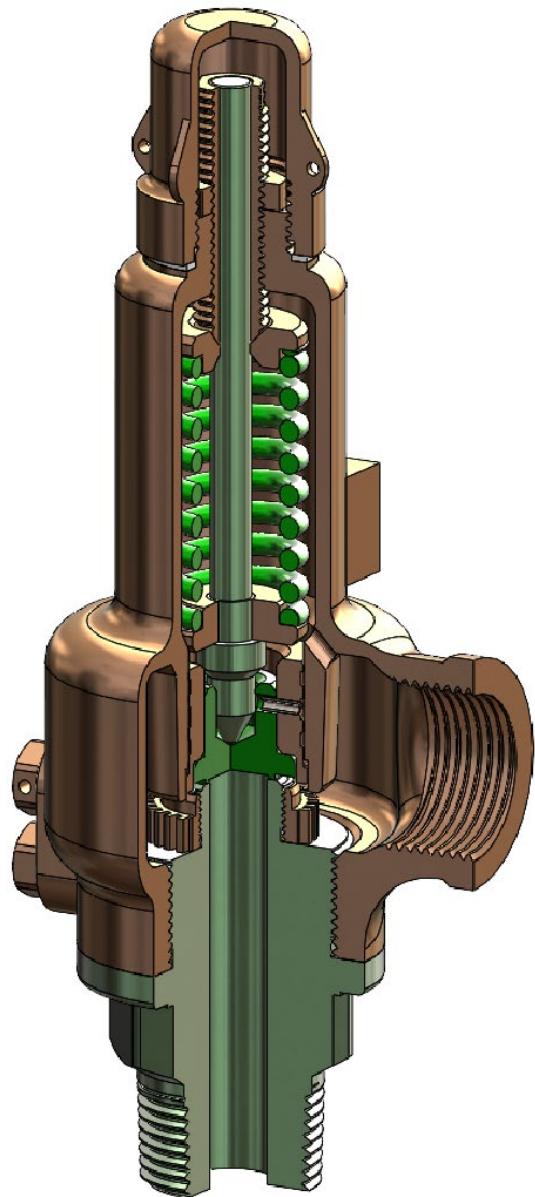
The RGX-S series is a small, general-purpose lift-type pressure relief valve with a screw-in connection. The body material is bronze casting, and the main parts and spring are made of stainless steel.

It is mainly applicable to the High-Pressure Gas Safety Act and has a proven track record as a high-pressure gas certified valve.

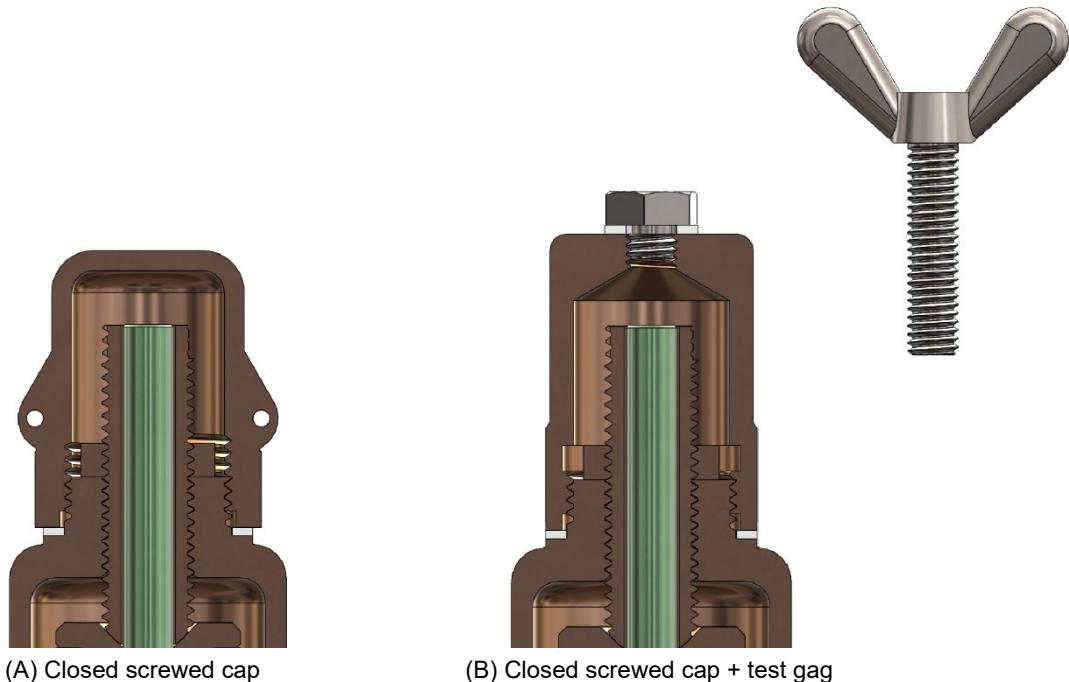
◆ Structure

The RGX-S has a simplified structure with the body and bonnet being made as a single piece of casting.

- ◆ Full nozzle
- ◆ With adjusting ring
- ◆ Cast integral body and bonnet



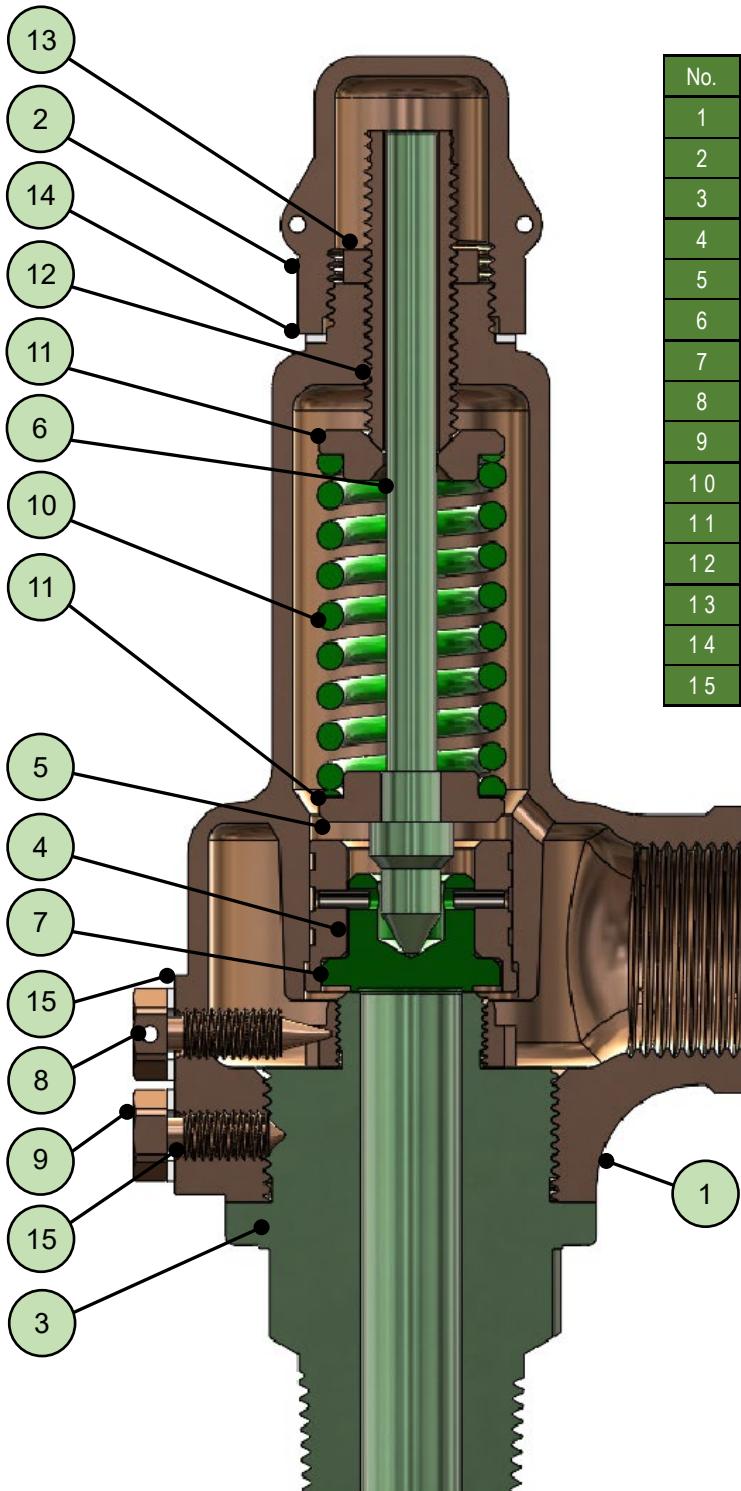
◆ Cap Code



◆ Type code

RGX-S	(A)
	Cap Code
	(A) Closed screwed cap
	(B) Closed screwed cap + Test Gag

◆ Cross-sectional View and Standard Materials



No.	Part Name	Material
1	Body	CAC406
2	Cap	CAC406C
3	Nozzle	SUS304
4	Disc	SUS304
5	Disc holder	CAC406C
6	Spindle	SUS304
7	Adjusting ring	CAC406C
8	Adjusting ring lock bolt	CAC406C
9	Lower lock bolt	CAC406C
10	Spring	SUS304
11	Spring washer	CAC406C
12	Adjusting screw	CAC406C
13	Adjusting screw Lock Nut	CAC406C
14	Gasket (cap)	V 7020
15	Gasket	V 7020

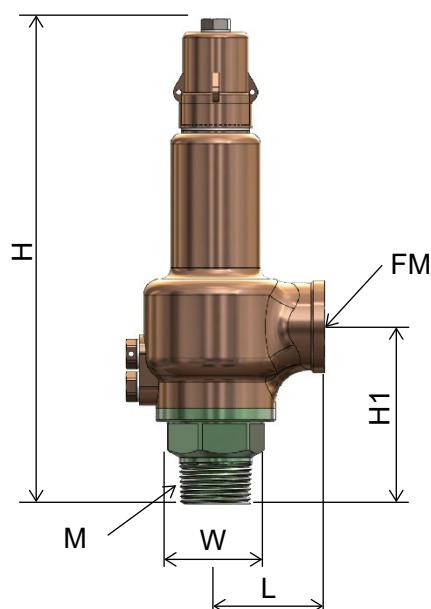
◆ Actual Area

size	Seat diameter mm	Area mm ²	Nominal lift mm
3/4*12*3/4	12	30.1	0.8
1*19*1	19	77.59	1.3

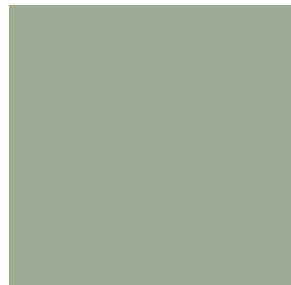
◆ Pressure and temperature Rating

size	Temperature °C		Maximum pressure MPa
	Minimum	Maximum	
3/4*12*3/4			
1*19*1	- 196	200	3.5

◆ Dimensions and Weight



Size	Dimensions and weight						Unit: mm , kg
	Connection		Center to face		Approx. Hight	Wrench Width	
	M	FM	H1	L	H	W	
3/4*12*3/4	R 3/4	RP3/4	65	40	170	32	1.2
1*19*1	R1	RP 1	75	45	208	38	1.8



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The product photos and structures are representative examples. Product specifications in the catalog may be changed without notice for product improvement or quality enhancement.