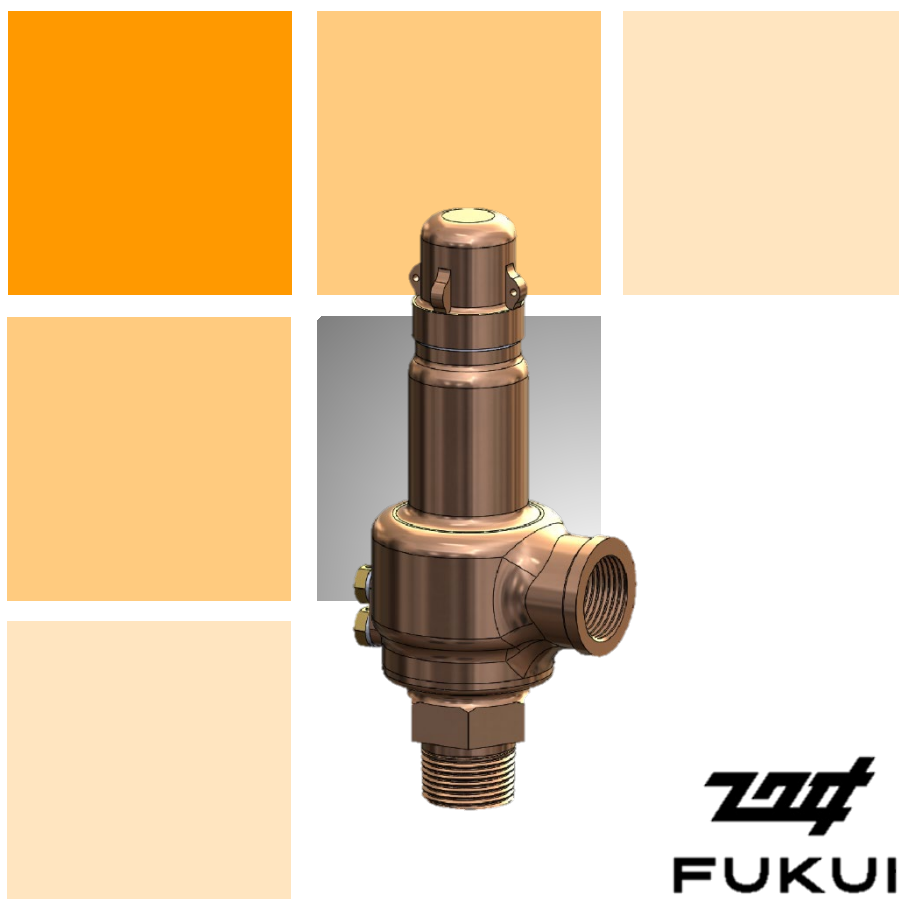




FUKUI

FB4 Series

Contents

◆ Features	1
◆ Structure	1
◆ Cap Code	2
◆ Type code.....	2
◆ Cross-sectional View and standard materials.....	3
◆ Pressure-temperature Rating	4
◆ Dimensions.....	5

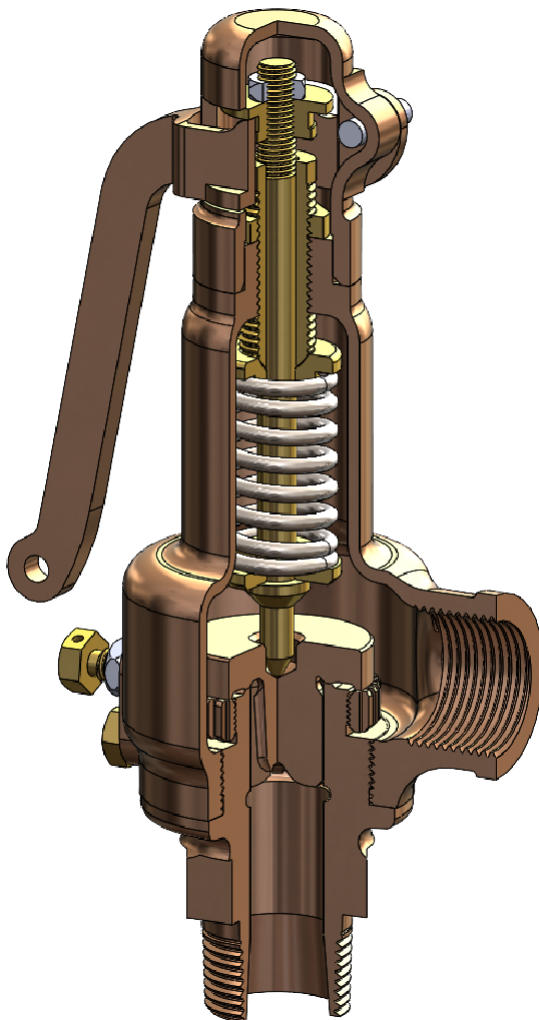
◆ Features

FB4 series is a low lift screw-in type pressure relief valve made of bronze casting.

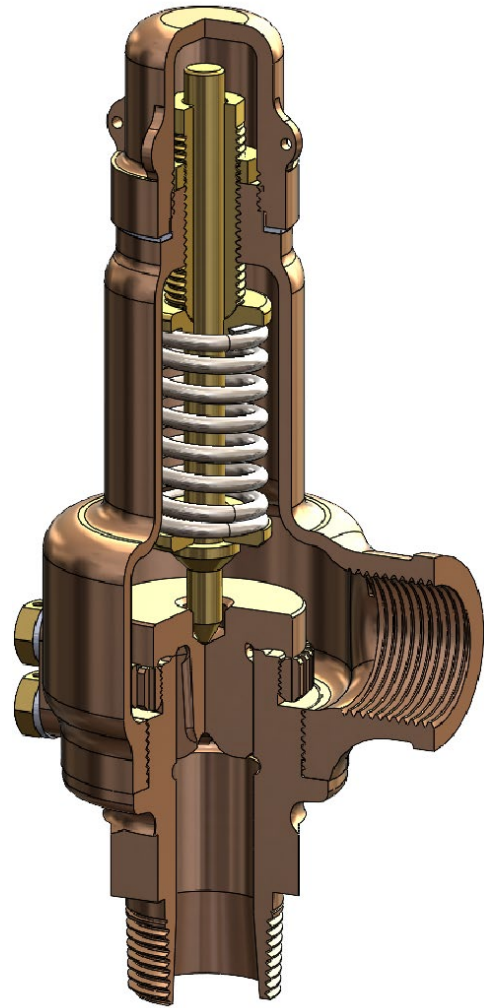
◆ Structure

By incorporating an under-guide, the structural design of the FB4 unit has been optimized to achieve a more compact configuration.

- ◆ Full Nozzle
- ◆ Under Guide
- ◆ Cast Integral body

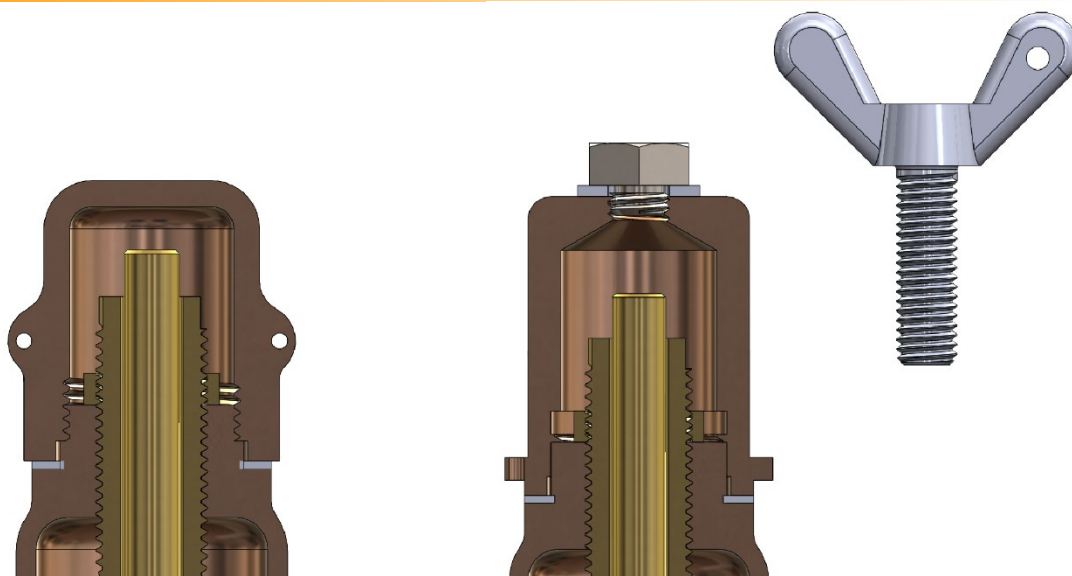


Open lever type



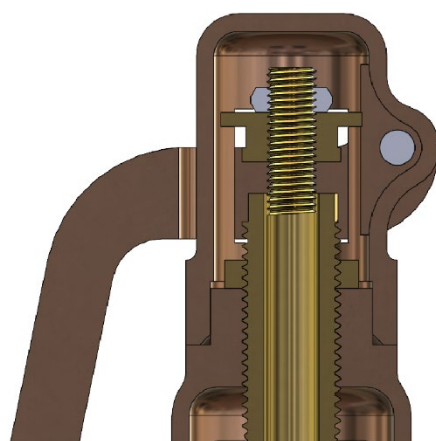
Closed cap type

Cap Code



(A) Closed screwed cap

(B) Closed screwed cap+ test gag

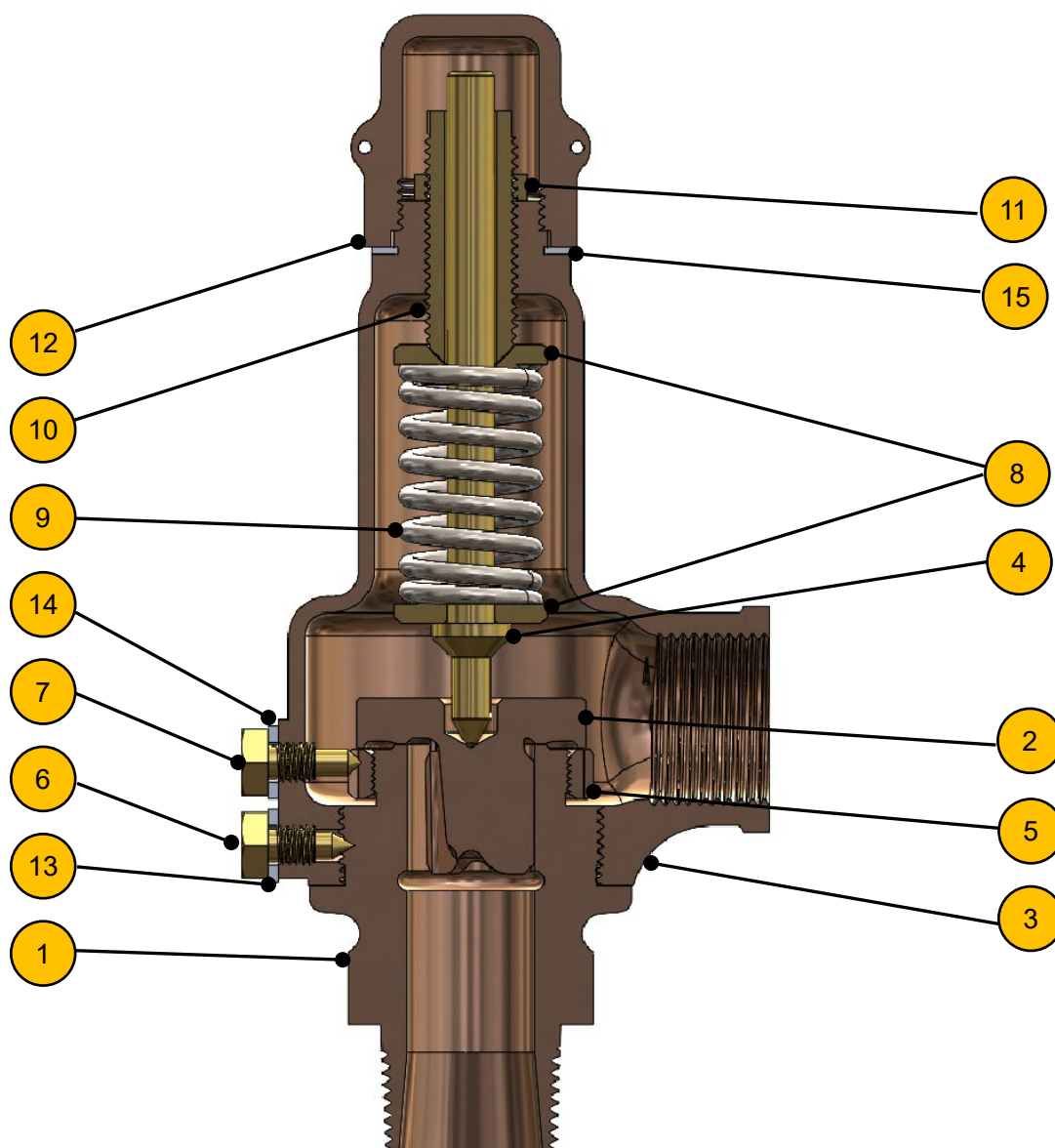


(C) Open lever

Type code

FB4		(A)	
		Cap Code	
		(A)	Closed screwed cap
		(B)	Closed screwed cap+ test gag
		(C)	Open lever
Type			
FB4X	Closed cap type		FB4 Open lever type

Cross-sectional View and standard materials



No.	Part Name	Material	No.	Part Name	Material
1	Nozzle	CAC406	9	Spring	Spring Steel
2	Disk	CAC406	10	Adjusting screw	C3604
3	Body	CAC406	11	Adjusting Screw Lock Nut	C3604
4	Spindle	C3604	12	Cap	CAC406
5	Adjusting ring	CAC406C	13	Gasket	V6502
6	Lower lock bolt	C3604	14	Gasket	V6502
7	Adjusting ring lock bolt	C3604	15	Gasket	V6502
8	Spring washer	C3604	-	-	-

* Other material grades are available upon request.

◆ Actual area

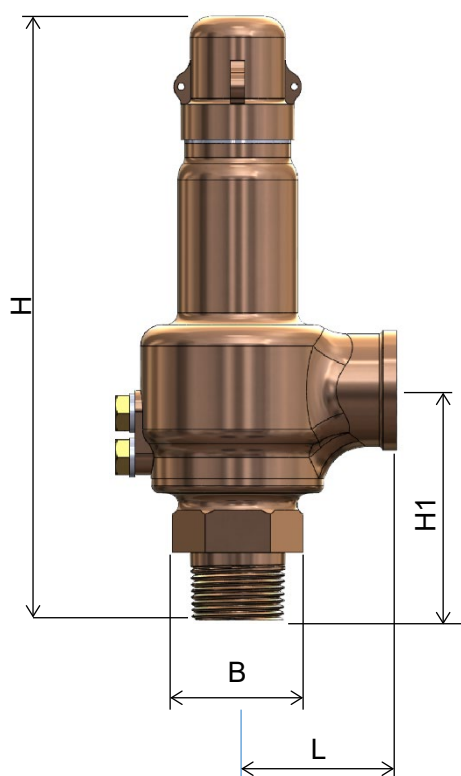
size	connection		area (mm ²)	Seat Diameter (mm)	Nominal Lift (mm)
	Inlet	Outlet			
12	R 1/2	RP 1/2	22.61	12	0.6
19	R 3/4	RP 3/4	56.70	19	0.95
25	R 1	RP 1	98.17	25	1.25
32	R 1 1/4	RP 1 1/4	160.8	32	1.6
38	R1 1/2	RP 1 1/2	226.8	38	1.9
50	R 2	RP 2	392.6	50	2.5

◆ Pressure-temperature Rating

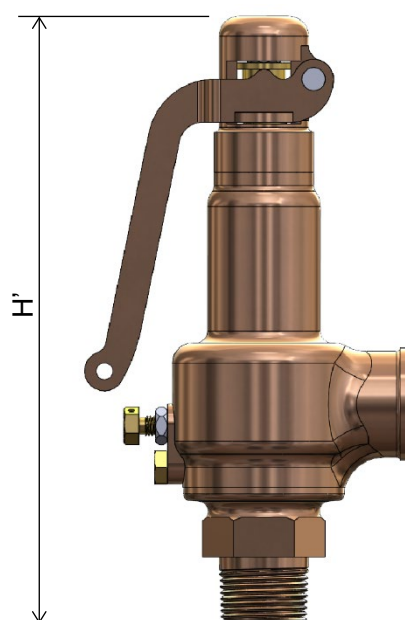
size	Pressure (MPa)		Temperature (°C)	
	minimum	maximum	minimum	maximum
12	0.0294	1.02	- 150	200
19				
25				
32				
38				
50				

◆ Dimensions

size	Center-to-face(mm)		Total length (mm)		Approximate weight (kg)	Wrench width (mm) B
	H1	L	H	H'		
12	55	35	150	155	0.8	26
19	65	45	170	180	1.2	32
25	75	50	200	213	1.8	38
32	85	60	230	245	2.6	46
38	95	70	275	290	4.4	54
50	110	80	335	345	7.0	63



Closed type



Open lever type



Head Office Hirakata Plant

1-6 Shodaitajika, Hirakata, Osaka 573-1132, Japan

TEL +81-72-857-4521 FAX +81-72-857-3764

E-mail: fki@fkis.co.jp

Global Marketing

1-6 Shodaitajika, Hirakata, Osaka 573-1132, Japan

Overseas

TEL +81-72-857-4527 FAX +81-72-857-3324

E-mail: stm@fkis.co.jp

Domestic

TEL +81-72-857-5501

FAX +81-72-857-5502

E-mail: osk@fkis.co.jp

Yokohama Office

Wesport Bldg 10th Floor, 2-6-32, Takashima, Nishi-ku,
Yokohama-shi, Kanagawa, Japan

zip 220-0011

TEL +81-45-441-4411 FAX +81-45-441-0031

E-mail: ybm@fkis.co.jp

FUKUI SEISAKUSHO CO., LTD.

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