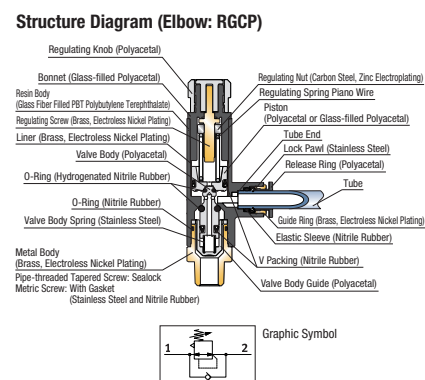
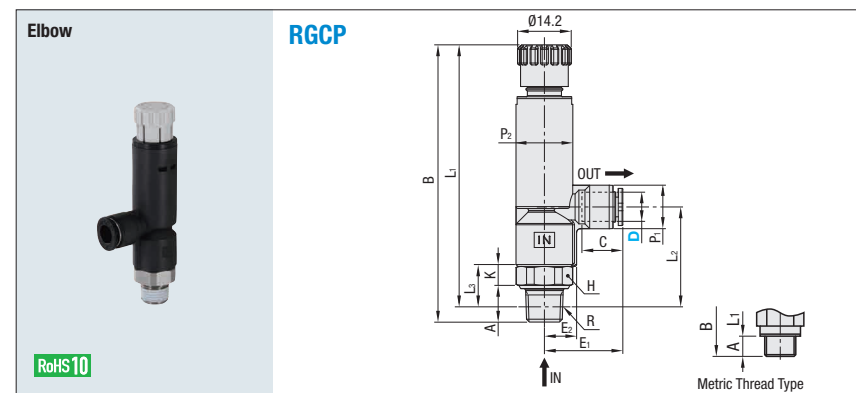
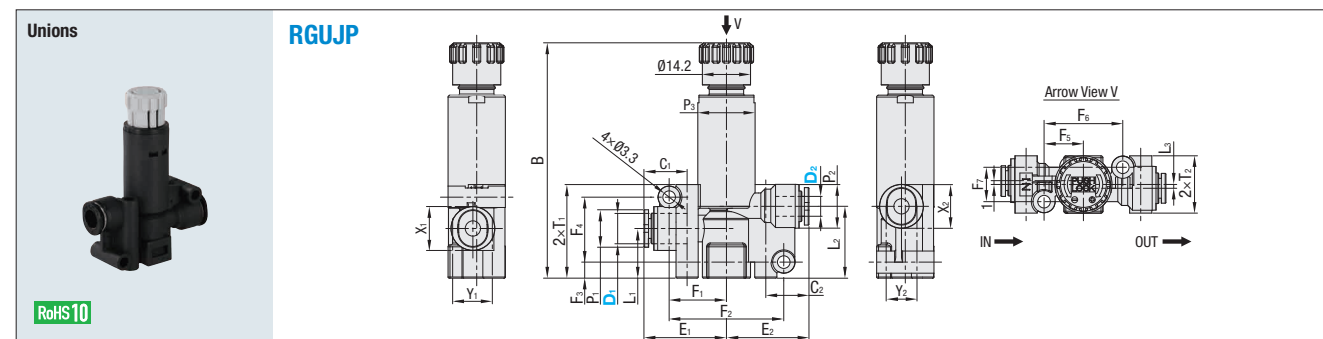


Regulators

Elbow / Unions



Type	Tube O.D. (mm) D	Nominal	R	A	B		L ₁		L ₂	L ₃	P ₁	P ₂	C	E ₁	E ₂	Opposite Side H	K	Mass (g)
					Max	Min	Max	Min										
RGCP	4	M5	M5 x 0.8	3	70	67.4	67	64.4	24.2	8.5	11.5	15	11	20.7	8.5	14	6	26
		1	R1/8	8	71.5	68.9	67.5	64.9	24.7	9								
	6	M5	M5 x 0.8	3	70	67.4	67	64.4	24.2	8.5	15.5	19	17	29.8	10.5	17	6	46
		1	R1/8	8	71.5	68.9	67.5	64.9	24.7	9								
	8	1	R1/8	8	71.5	68.9	67.5	64.9	24.7	9	19	18.1	27.7	8.5	14	5	29	
		2	R1/4	11	78.2	75.6	72.2	69.6	29	11								29.7

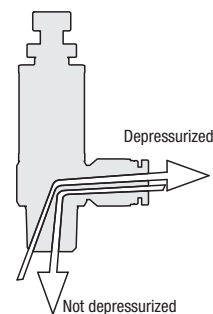


Type	D ₁	D ₂	B		L ₁	L ₂	L ₃	P ₁	P ₂	P ₃	C ₁	C ₂	E ₁	E ₂	F ₁	F ₂	F ₃	F ₄	F ₅	F ₆	F ₇	T ₁	T ₂	X ₁	X ₂	Y ₁	Y ₂	Mass (g)
			Max	Min																								
RGUJP	4	4	61.6	59	13	18.8	1	11.5	11.5	15	11	11	21.6	21.6	15	30	4.2	17	10.3	20.6	9	24.5	15	9.8	9.8	7.8	7.8	19
		4	6	61.6	59	13	18.8	1	11.5	11.5	15	11.6	11	22	22	15	30	4.2	17	10.3	20.6	9	24.5	15	11.8	11.8	9.8	9.8
	6	6	65.7	63.1	15	22.5	-	15.5	15.5	19	18.1	17	28.7	28.7	19.8	39.6	4	21.5	11.7	23.4	13	28.4	19	-	-	-	-	32
		8	8	65.7	63.1	15	22.5	-	15.5	15.5	19	18.1	18.1	28.6	28.6	19.8	39.6	4	21.5	11.7	23.4	13	28.4	19	-	-	-	-

Part Number Example: RGCP4 - M5

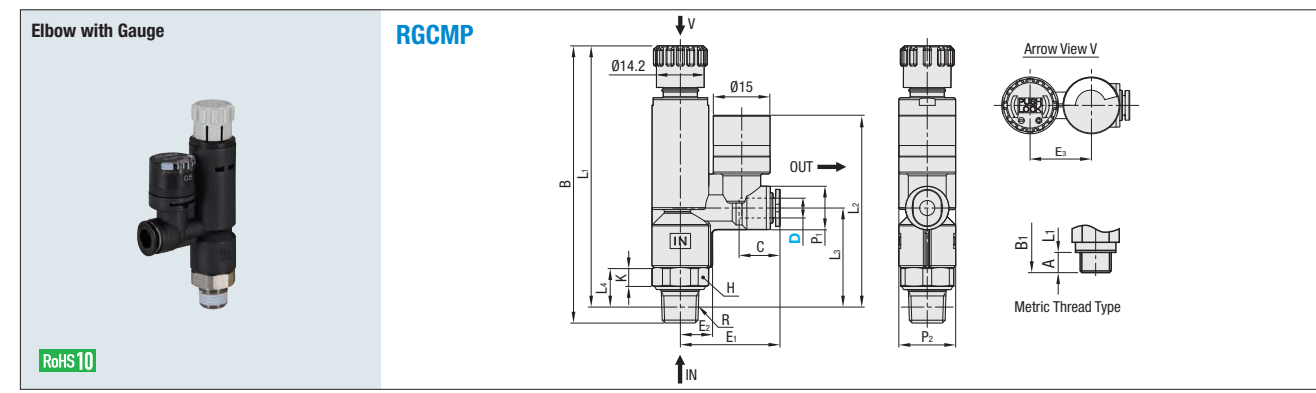
Features

- As with a relief mechanism, the pressure will be reduced and flow out from the fitting side when the primary pressure is set on the screw side.



Regulators with Gauge

Elbow



Type	Tube O.D. (mm) D	Nominal	R	A	B		L ₁		L ₂	L ₃	L ₄	P ₁	P ₂	C	E ₁	E ₂	E ₃	Opposite Side H	K	Mass (g)
					Max	Min	Max	Min												
RGCMP	4	M5	M5x0.8	3	70	67.4	67	64.4	48.7	24.2	8.5	11.5	15	11	26.3	8.5	16.2	14	6	29
		1	R1/8	8	71.5	68.9	67.5	64.9	49.2	24.7	9									
	6	M5	M5x0.8	3	70	67.4	67	64.4	48.7	24.2	8.5	15.5	19	17	30	10.5	17.7	17	6	49
		1	R1/8	8	71.5	68.9	67.5	64.9	49.2	24.7	9									
	8	1	R1/8	8	71.5	68.9	67.5	64.9	52	24.7	9	19	18.1	28.4	8.5	16.2	14	5	31	
		2	R1/4	11	78.2	75.6	72.2	69.6	56.3	29	11									29.9

Part Number Example: RGCMP4 - M5

Precautions for Use

Do not use the regulator in such a way that the pressure exceeds the preset level due to large pressure fluctuations on the secondary side.

This product is not designed as a relief valve, and using it as one may cause equipment damage or malfunction.

If using it in this way, please install additional safety mechanisms.

Precautions for Use

- Set the pressure by turning the regulating knob in the upward direction (clockwise). The pressure cannot be set accurately if the regulating knob is turned in the downward direction (counterclockwise).
- Do not turn the regulating knob counterclockwise from a fully open position, or too far clockwise from a fully open position. Doing so may cause damage to the regulating knob or the regulator/valve itself. It can also increase the torque on the regulating screw and regulating knob.
- The regulating knob releases when pulled up and locks when pushed down. Always lock the knob after adjusting the pressure. Failure to lock the regulating knob means the knob may turn, causing the pressure to change.
- When you press down the regulating knob, it can sometimes stop partway between the locked and unlocked positions depending on how far round it is rotated. When this happens, the knob is not completely locked. Please ensure that the regulating knob is fully pushed down to the locked position.
- Trying to force the regulating knob to turn while it is in the locked position may cause damage to the locking mechanism.
- For models with a gauge, the gauge can be oriented in any direction. Applying excessive force to the gauge cap can result in damage to the gauge and cause issues with gauge readings. Please hold the gauge close to the base when turning it.
- The pressure gauge is accurate to ±5% (FS). If greater accuracy is required, please check the pressure using a separate pressure gauge and adjust accordingly.
- When air is released from the secondary side, the air flow may cause resonance. Avoid releasing air on the secondary side for prolonged periods of time, as this poses a risk of internal damage or other issues.

Specifications

Applicable Fluid	Air
Operating Temp. Range	0 ~ 60°C
Operating Pressure Range	0 ~ 1MPa
Set Pressure Range	0.1 ~ 0.8MPa
(Indicated Pressure Range)	0 ~ 0.8MPa
Gauge Accuracy	±5% (Full Scale *)

*Displayed position differences when the displayed pressure has suddenly changed from 0 to Max. value of 0.8MPa.

Regulator with Pressure Gauge Graphic Symbol

