


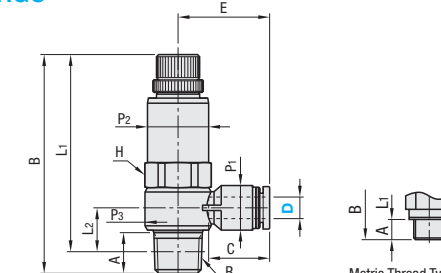
# Regulator / Quick Exhaust Valves

Elbow / Unions / Elbow with Gauge / Unions with Gauge

**Elbow**



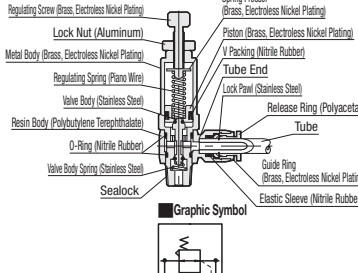
**RGC**



RoHS 10

Metric Thread Type


**Structure Diagram (Elbow: RGC)**



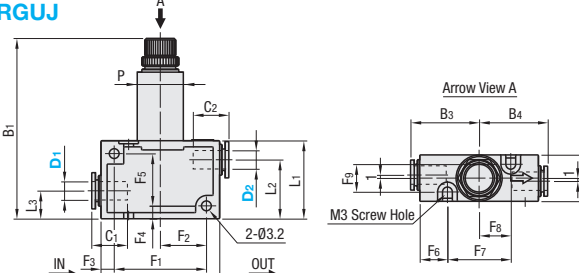
Graphic Symbol

Part Number	Type	Tube O.D. (mm) D	Nominal	R	B		L1		L2	P1	P2	P3	C	E	Opposite Side H	Mass (g)	Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10~20
					Max	Min	Max	Min										
RGC	4	M5	M5x0.8	2.9	48.7	44.6	45.8	41.7	7.6	8	10	9.8	11	15.4	10	16		
				1	R1/8	7.8	60	56	56	52	10.5	10	14	14.4	14.9	21.4	14	36
	6	M5	M5x0.8	2.9	48.7	44.6	45.8	41.7	8.4	10.5	10	9.8	11.6	17.5	10	16		
				1	R1/8	7.8	60	56	56	52	10.7	12.4	14	14.4	17	23.5	14	36
	8	M5	M5x0.8	2.9	48.7	44.6	45.8	41.7	8.4	10.5	10	9.8	11.6	17.5	10	16		
				1	R1/4	11.3	64.8	60.8	58.8	54.8	12.2	17	18.4	17	25.5	17	59	

**Unions**



**RGUJ**



RoHS 10

Arrow View A

Depressurized


Not depressurized

**Features**

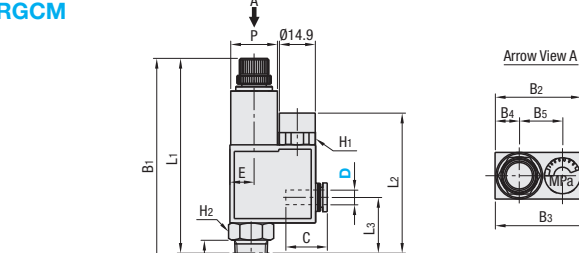
- As with a relief mechanism, the pressure will be reduced and flow out from the fitting side when the primary pressure is set on the screw side.

Part Number	Type	D1	D2	B1		B2	B3	B4	B5	L1	L2	L3	P	C1	C2	F1	F2	F3	F4	F5	F6	F7	F8	F9	Mass (g)	Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10~20
				Max	Min																						
RGUJ	4	4	63.3	58.8	38.6	21.9	21.9	15.1	25.4	19.2	9.1	15	11	11	30	15	4.3	4.2	17	9	20.6	10.3	9	36			
				6	63.3	58.8	38.6	22.3	21.9	15.1	25.4	19.2	9.1	15	11.6	11	30	15	4.3	4.2	17	9	20.6	10.3	9	37	
	6	6	63.3	58.8	38.6	22.3	21.9	15.1	25.4	19.2	9.1	15	11.6	11	30	15	4.3	4.2	17	9	20.6	10.3	9	37			
																									8	67.5	63.2

**Elbow with Gauge**



**RGC M**

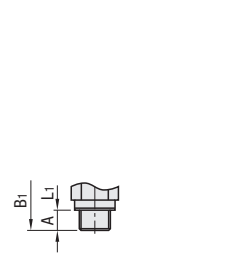


RoHS 10

Arrow View A

Metric Thread Type

**Structure Diagram (Elbow with Gauge: RGC M)**



Graphic Symbol

Part Number	Type	Tube O.D. (mm) D	Nominal	R	A	B1		B2	B3	B4	B5	B6	L1		L2	L3	C	E	P	Opposite Side H1	Opposite Side H2	Mass (g)	Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10~20
						Max	Min						Max	Min										
RGC M	4	M5	M5x0.8	3	60.6	56.6	24.8	27.4	5.8	13.7	15.1	57.6	53.6	42.8	11.8	11	4.7	11	14	8	28			
				1	R1/8	7.8	81.8	77.4	32	36.2	7.8	15.8	15	77.8	73.4	51.6	18.6	15.9	7.3	15.2	14	12	55	
	6	M5	M5x0.8	3	60.6	56.6	24.8	27.8	5.8	13.7	15.1	57.6	53.6	42.8	11.8	11.6	4.7	11	8	28				
				1	R1/8	7.8	81.8	77.4	32	36.8	7.8	15.8	15	77.8	73.4	51.6	18.6	17	7.3	15.2	14	12	56	
	8	M5	M5x0.8	3	60.6	56.6	24.8	27.8	5.8	13.7	15.1	57.6	53.6	42.8	11.8	11.6	4.7	11	8	28				
				1	R1/4	11.3	90	85.7	35.1	39.9	9.9	17.7	19.1	84	79.7	57.3	22.8	18.1	8.7	19.1	16	16	84	

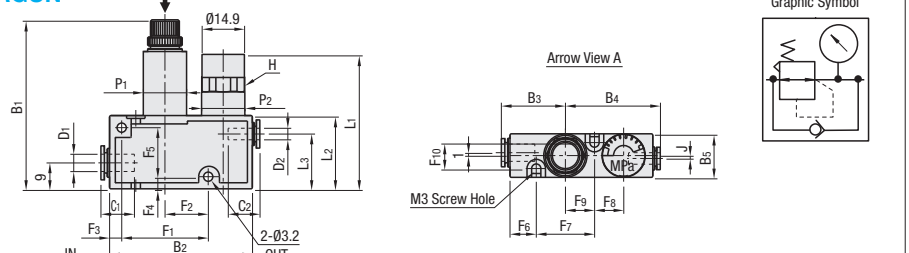
Ordering Example: Part Number - Nominal: D2  
RGC4 - M5  
RGC M4 - M5

**Unions with Gauge**



RoHS 10

**RGUN**

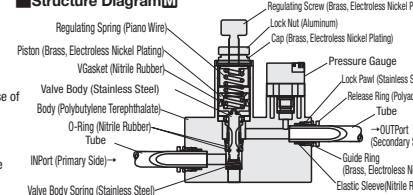


Regulator with Pressure Gauge Graphic Symbol

Part Number	Type	No.	D1	D2	B1		B2	B3	B4	B5	L1	L2	L3	P1	P2	C1	C2	J	Opposite Side H	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	Mass (g)	Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10~30
					Max	Min																										
RGUN	4	4	4	63.4	58.9	49.5	21.8	32.9	15.1	46.6	25.4	19	15	15	11	11	1	14	30	15	4.2	4.2	17	9.1	20.2	10.1	10.1	9	47			
																														6	63.4	58.9
	8	8	8	67.4	63.2	59.7	28.5	40.7	19.2	48.5	29.4	21.3	19	15.2	18.1	0	14	39.7	19.8	3.9	4.1	21.3	12.2	23.2	9.1	11.6	13	74				

- Features**
- This is a compact type regulator with a pressure gauge.
  - The gauge can be changed in direction by the hexagonal part (H part) of its body.
- Precautions for Use**
- Do not use the regulator in such a way that the pressure exceeds the preset level due to large secondary pressure fluctuations. It may result in equipment damage or malfunction. In the case of such a possibility, provide separate safety device.
  - Set the gauge upward (clockwise). Downward setting (counterclockwise) does not provide accurate regulation.
  - When the pressure has been set at the desired level, be sure to tighten the lock nut to hold the setting.

**Structure Diagram**




**Specifications**

Applicable Fluid	Air
Operating Temp. Range	0 ~ 60°C
Operating Pressure Range	0 ~ 0.9MPa
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.

**Quick Exhaust Valves - Standard (With Exhaust Throttle)**



RoHS 10

**Quick Exhaust Valves - Straight**



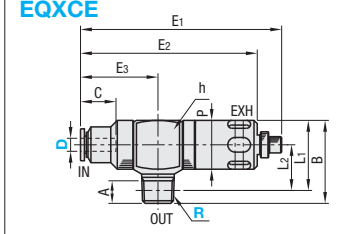
RoHS 10

**Quick Exhaust Valves - Unions (With Exhaust Throttle)**



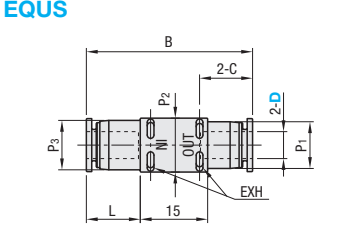
RoHS 10

**EQXCE**



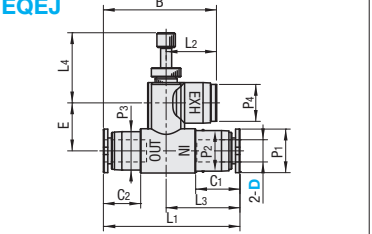
Material: Body: Aluminum  
Needle: Brass (Electroless Nickel Plating)  
Element: Polyvinyl Formal

**EQUS**



Material: Polybutylene Terephthalate

**EQEJ**



Material: Polybutylene Terephthalate  
Needle: Brass (Electroless Nickel Plating)  
Element: Polyvinyl Formal

**Quick Exhaust Valves - Standard**

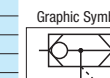
Part Number	Type	Tube O.D. (mm) D	R (PT)	Nominal	A	B	L1	L2	P	C	E1			Opposite Side H	Effective Sectional Area (mm²)	Mass (g)	Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10~20	
											Max	Min	E2						E3
EQXCE	4	4	1 (R1/8)	1	8	25.5	21.5	14	15	10.9	66.7	61.8	54.3	23.8	15	4	8	23	
																			1
	6	6	6	1 (R1/8)	2	11	29	25	16	18	11.7	77.4	71.6	63.1	28.1	18	9	15	37

**Quick Exhaust Valves - Straight**

Part Number	Type	Tube O.D. (mm) D	B	L	P1	P2	P3	C	Effective Sectional Area (mm²)		Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10~20
									IN→OUT	OUT→EX		
EQUS	4	4	34.6	11	8.4	10	9	11	1.8	1.8	3.3	
			37	12	10.4	12	11	11.6	4	4	4.9	

**Quick Exhaust Valves Unions (With Exhaust Throttle)**

Part Number	Type	Tube O.D. (mm) D	B	L1	L2	L3	L4	Max	Min	P1	P2	P3	P4	C1	C2	E	Effective Sectional Area (mm²)		Unit Price 1 ~ 9 pc(s)	Volume Discount Rate 10~20
																	IN→OUT	OUT→EX		
EQEJ	4	4	27.3	34.6	11.2	18.5	19.5	14.5	9.8	9	8.4	9	11	8.6	11	1.8	1.7	7.2		
			29	37	12	20	19	14	11.8	11	10.4	11	12	10	13	4	2.8	9.2		

- Features / Specifications**
- Applicable to high-speed driving cylinder since air is quickly exhausted. For exhaust throttle type, the driving speed of cylinder can be adjusted.
- PRECAUTIONS**
- For exhaust throttle type, due to clogging of elements, exhaust resistance may increase and cause deterioration in general system function. In such cases, discontinue the use and replace the valve.
  - Not applicable as shuttle valve.
- Graphic Symbol
- 

Ordering Example: Part Number - R(PT) - Nominal  
RGUN4  
EQXCE4 - 1 - 1