


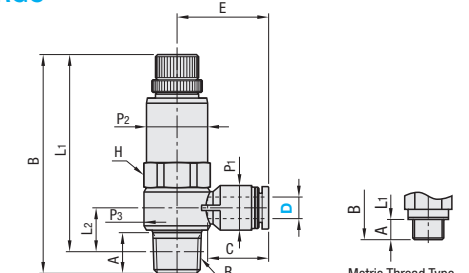
Regulator / Quick Exhaust Valves

Elbow / Unions / Elbow with Gauge / Unions with Gauge

Elbow

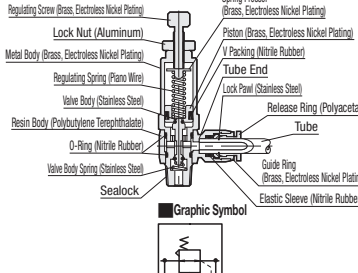


RGC



RoHS 10


Structure Diagram (Elbow: RGC)



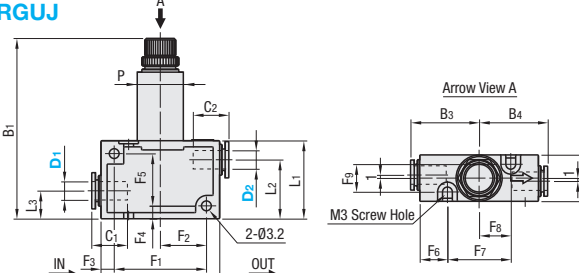
Graphic Symbol

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



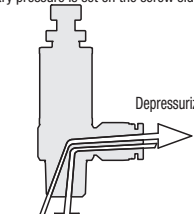
RGUJ



RoHS 10


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.

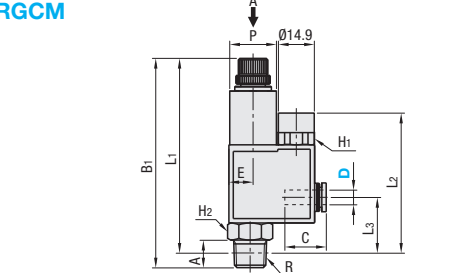


Part Number	Type	D1	D2	B1 Max	B1 Min	B2	B3	B4	B5	L1	L2	L3	P	C1	C2	F1	F2	F3	F4	F5	F6	F7	F8	F9	Mass (g)	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10~20
6	6	63.3	58.8	38.6	22.3	21.9	15.1	25.4	19.2	9.1	15	11.6	11	30	15	4.3	4.2	17	9	20.6	10.3	9	37				
																											8

Elbow with Gauge

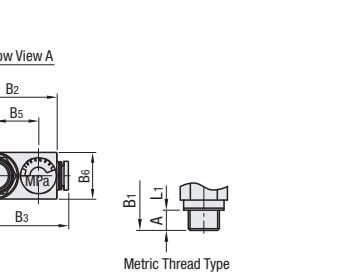


RGCM



RoHS 10

Structure Diagram (Elbow with Gauge: RGCM)



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										
RGCM	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	

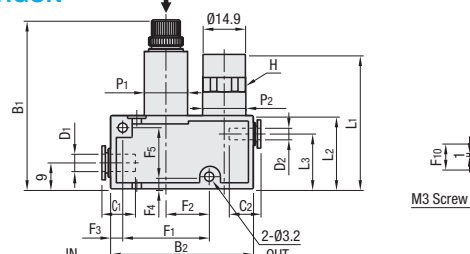
Ordering Example: Part Number - Nominal: D2
RGC4 - M5
RGCM4 - M5

Unions with Gauge



RoHS 10

RGUN

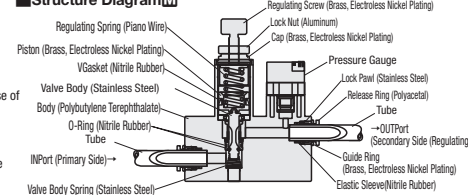


Regulator with Pressure Gauge Graphic Symbol

Part Number	Type	No.	D1	D2	B1 Max	B1 Min	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
6	6	63.4	58.9	49.5	22.2	32.9	15.1	46.6	25.4	19	15	15	11.6	11.6	1	14	30	15	4.2	4.2	17	9.1	20.2	10.1	10.1	9	47					
																															8	8

- 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 pressure 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



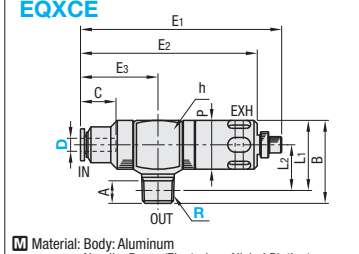
RoHS 10

Quick Exhaust Valves - Unions (With Exhaust Throttle)



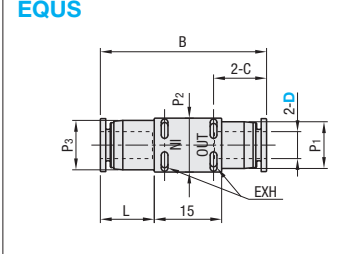
RoHS 10

EQXCE



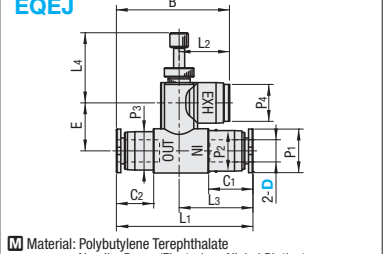
Material: Body: Aluminum
Needle: Brass (Electroless Nickel Plating)
Element: Polyvinyl Formal

EQU



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	
																			6
	8	8	2 (R1/4)	1	11	31	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)		Mass (g)	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10~20
									IN→OUT	OUT→EX			
EQU	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)		Mass (g)	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.

Applicable Fluid Air

Operating Pressure Range 0.1 ~ 0.7MPa

Pressure Resistance 1.35MPa

Operating Temp. Range 5 ~ 60°C (Non-Freezing)

Min. Operating Pressure 0.05MPa

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

