

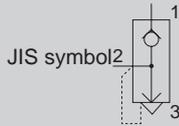


Pneumatic, Vacuum and Auxiliary Components
Catalog No. CB-024SA

Quick exhaust valve

QEV2 Series

● Port size: Rc1/8 to Rc1



P4 compliant as standard



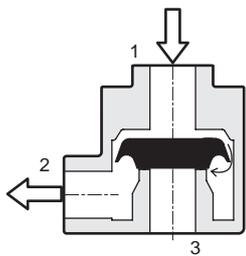
Features

- Large flow rate design realizing outstanding exhaust
- Variety of bore sizes available
Series includes piping bore sizes Rc1/8 to Rc1
- Wide range of options
 - Fluoro rubber specifications available as options
 - Mounting bracket available (small bore)
- Eco-friendly product
 - Eco-friendly design is free of lead and hexavalent chrome
 - Paint-free
 - Waste sorting is simplified

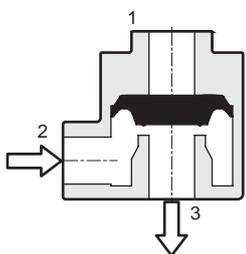
Specifications

Model No.	QEV2-6	QEV2-8	QEV2-10	QEV2-15	QEV2-20	QEV2-25	
Working fluid	Compressed air						
Max. working pressure MPa	1.0						
Min. working pressure MPa	0.05						
Proof pressure MPa	1.5						
Fluid temperature °C	5 to 60						
Ambient temperature °C	0 to 60 (no freezing)						
Port size	1, 2	1/8	1/4	3/8	1/2	3/4	1
	Rc 3	1/4	1/4	1/2	1/2	1	1
Weight g	80	78	250	250	710	660	
Mounting bracket weightg	15		-				
Mounting orientation	Unrestricted						
Effective cross-sectional area mm ²	1→2	25	35	90	105	205	275
	2→3	30	40	100	115	280	330

Operational explanation



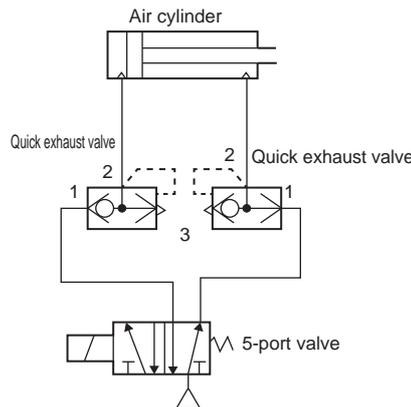
● 1→2
The valve closes port 3 with pressure from port 1. Air passes around the valve and flows to port 2.



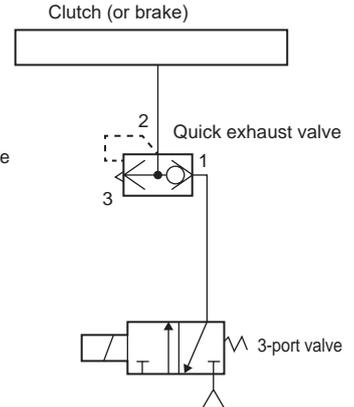
● 2→3
When port 1 pressure drops, the valve closes port 1, opens port 3, and exhausts port 2 air.

Applications

① Use to increase exhaust speed of air cylinder.



② Use to increase exhaust speed of clutch (or brake)



Compatibility table by variation

	QEV2
Port size	Rc1/8 to 1
P4	Standard compliance

● Applicable models ○ Semi-applicable models ▲ Contact CKD for details. □ Not applicable

How to order

● Quick exhaust valve



Model No.

A Port size

B Option

C Accessory

Code	Description
A Port size	
6	Rc 1/8
8	Rc 1/4
10	Rc 3/8
15	Rc 1/2
20	Rc 3/4
25	Rc 1
B Option	
Blank	No option
A	Fluoro rubber specifications
C Accessory	
Blank	No
P	Mounting bracket attached

*1: Mounting bracket is attached for QEV2-6 and QEV2-8 only.

*2: P4 compliant as standard.

P4
Series

Pneumatic cylinders
Hand/Chuck
Related products
Cylinder switch

Pneumatic actuator

Vacuum components
Pneumatic valves

Clean air components
controller
Speed
Fitting
Auxiliary valve

Pneumatic auxiliary components

Silencer
Tube

Gas generator
Fluid control components

Motor specification
Motorless specifications

Electric actuator