

Quick Exhaust Valve

Series AQ

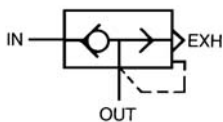
Features

- High exhaust characteristics
- Port sizes from M5 ~ 3/4
- High flow capacity

Specifications

Fluid	Air	
Proof pressure	1.5 MPa	
Max. operating pressure	AQ15□0	0.7 MPa
	AQ2000 to 5000	1 MPa
Min. operating pressure	AQ15□0	0.1 MPa
	AQ2000 to 5000	0.05 MPa
Ambient and fluid temperature	-5 to 60°C (No freezing)	

JIS Symbol



How to Order

AQ 2 0 0 0 - F 02

Standard size

1	1/8
2	1/4
3	3/8
5	3/4

Type

Symbol	Type	Applicable model
0	Diaphragm	AQ2 to AQ5
5	Lip	AQ1 Only

Standard

0	M5
1	1/8

Note) "AQ15□0" only

Thread type

Nil	Metric thread (M5)
F	G

Port size

Port size	Applicable series
M5	AQ1500
1/8	AQ1510/2000
1/4	AQ2000/3000
3/8	AQ3000
1/2	AQ5000
3/4	

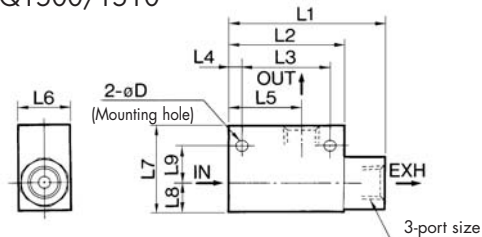


Model

Model	Port size	Effective area (mm ²)		Weight (g)
		IN → OUT	OUT → EXH	
AQ1500-M5	M5	2	2.8	25
AQ1510-01	1/8	4	5.8	45
AQ2000-01	1/8	25	25	110
AQ2000-02	1/4	35	40	105
AQ3000-02	1/4	40	42	215
AQ3000-03	3/8	60	70	205
AQ5000-04	1/2	105	115	690
AQ5000-06	3/4	135	180	650

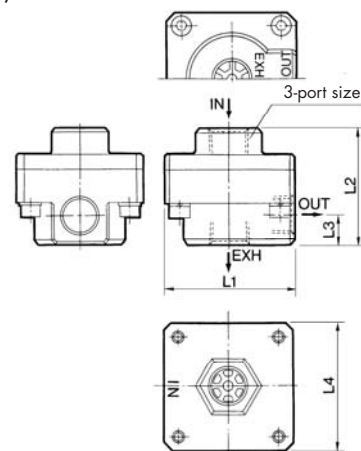
Dimensions

AQ1500/1510



Model	Port size	L1	L2	L3	L4	L5	L6	L7	L8	L9	D
AQ1500	M5	23	20	14	3	12.5	12	15	5.5	6.5	3.1
AQ1510	1/8	45	33	25	4	21	15	25	8	11	4.3

AQ2000/3000/5000



Model	Port size	L1	L2	L3	L4
AQ2000	1/8, 1/4	45	40	10	45
AQ3000	1/4, 3/8	56	50	12.5	56
AQ5000	1/2, 3/4	85	75	18	85



CAD CD-ROM AVAILABLE



CATALOGUE E249-A AVAILABLE



PDF AVAILABLE ONLINE

Quick Exhaust Valve with One-Touch Fitting

Series **AQ240F/340F**

Features

- ➔ Option of built-in silencer or facility to pipe exhaust away.
- ➔ Minimises installation time and cost.
- ➔ Integral one-touch fittings.
- ➔ Accepts Nylon and Polyurethane tubing.
- ➔ Compact lightweight design.



With silencer

With exhaust port fitting

Specifications

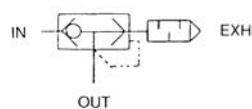
Fluid	Air
Proof pressure	1.5 MPa
Max. operating pressure	1 MPa
Min. operating pressure	0.1 MPa
Ambient and fluid temperature	-5 to 60°C (No freezing)
Applicable tubing material ^{Note)}	Nylon, Soft nylon, Polyurethane

Note) Use caution regarding the max. operating pressure when soft nylon or polyurethane tubing is used.

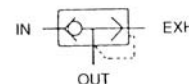
Model

Model	Applicable tubing O.D.			Effective area (mm ²)	
	4	6	1/4"	IN → OUT	OUT → EXH.
AQ240F-04-□	●			1.7	2.5
AQ240F-06-□		●		2.4	2.7
AQ340F-06-□		●		4	4

JIS Symbol



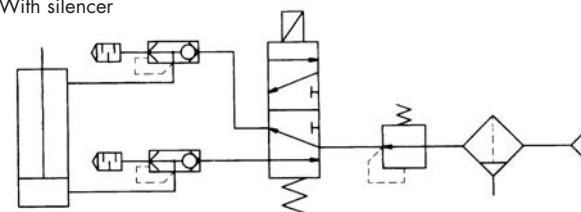
With silencer



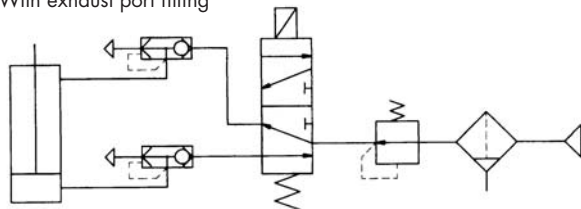
With exhaust port fitting

Circuit

With silencer

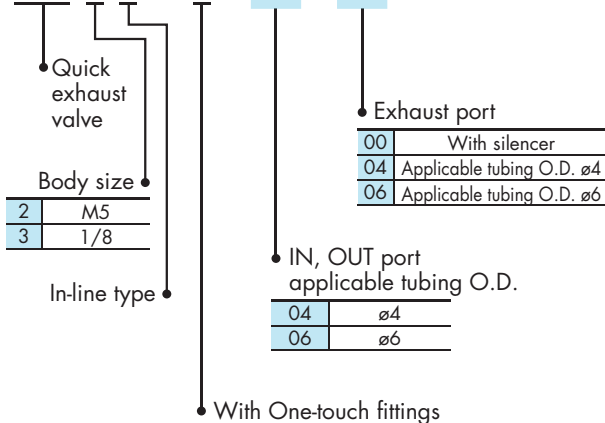


With exhaust port fitting



How to Order

AQ 2 4 0 F - 06 - 06



Note) Brass parts are all electroless nickel plated.