

Quick Exhaust Valve Series AQ

Excellent exhaust characteristics

Large flow capacity

Compact and lightweight

A wide selection of models



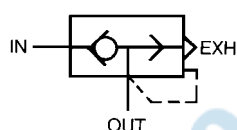
Model

Model	Port size	Effective area (mm ²)		Mass (g)
		IN → OUT	OUT → EXH	
AQ1500-M5	M5 x 0.8	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

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	-		02	-																														
Standard size										Option																																					
<table><tr><td>1</td><td>1/8</td></tr><tr><td>2</td><td>1/4</td></tr><tr><td>3</td><td>3/8</td></tr><tr><td>5</td><td>3/4</td></tr></table>										1	1/8	2	1/4	3	3/8	5	3/4	<table><tr><td>H</td><td>High temperature (-5 to 80°C)</td></tr><tr><td>L</td><td>Low temperature (-30 to 60°C)</td></tr></table> Note) AQ1500 and AQ1510 are not available.									H	High temperature (-5 to 80°C)	L	Low temperature (-30 to 60°C)																	
1	1/8																																														
2	1/4																																														
3	3/8																																														
5	3/4																																														
H	High temperature (-5 to 80°C)																																														
L	Low temperature (-30 to 60°C)																																														
Type										Port size																																					
<table><tr><th>Symbol</th><th>Type</th><th>Applicable model</th></tr><tr><td>0</td><td>Diaphragm</td><td>AQ2 to AQ5</td></tr><tr><td>5</td><td>Lip</td><td>AQ1 Only</td></tr></table>										Symbol	Type	Applicable model	0	Diaphragm	AQ2 to AQ5	5	Lip	AQ1 Only	<table><tr><th colspan="2">Port size</th><th>Applicable series</th></tr><tr><td>M5</td><td>M5 x 0.8</td><td>AQ1500</td></tr><tr><td>01</td><td>1/8</td><td>AQ1510/2000</td></tr><tr><td>02</td><td>1/4</td><td>AQ2000/3000</td></tr><tr><td>03</td><td>3/8</td><td>AQ3000</td></tr><tr><td>04</td><td>1/2</td><td rowspan="2">AQ5000</td></tr><tr><td>06</td><td>3/4</td></tr></table>									Port size		Applicable series	M5	M5 x 0.8	AQ1500	01	1/8	AQ1510/2000	02	1/4	AQ2000/3000	03	3/8	AQ3000	04	1/2	AQ5000	06	3/4
Symbol	Type	Applicable model																																													
0	Diaphragm	AQ2 to AQ5																																													
5	Lip	AQ1 Only																																													
Port size		Applicable series																																													
M5	M5 x 0.8	AQ1500																																													
01	1/8	AQ1510/2000																																													
02	1/4	AQ2000/3000																																													
03	3/8	AQ3000																																													
04	1/2	AQ5000																																													
06	3/4																																														
Standard										Thread type																																					
<table><tr><td>0</td><td>M5 x 0.8</td></tr><tr><td>1</td><td>1/8</td></tr></table> Note) "AQ15□0" only										0	M5 x 0.8	1	1/8	<table><tr><td>Nil</td><td>Metric thread (M5)</td></tr><tr><td></td><td>Rc</td></tr><tr><td>N</td><td>NPT</td></tr><tr><td>F</td><td>G</td></tr></table>									Nil	Metric thread (M5)		Rc	N	NPT	F	G																	
0	M5 x 0.8																																														
1	1/8																																														
Nil	Metric thread (M5)																																														
	Rc																																														
N	NPT																																														
F	G																																														