MVQE series

QUICK EXHAUST VALVE



Features

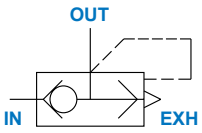
- This unit makes it possible to achieve increased piston speeds on the exhaust stroke with single acting and double acting cylinders.

Specification

Model	MVQE
Medium	Air
Operating pressure range	0.1~1 MPa
Proof pressure	1.5 MPa
Ambient temperature	-5~+60°C (No freezing)

Model	Port size	Effective orifice(mm^2)		Weight
		IN→OUT	OUT→EXH	
MVQE-100-6A	Rc1/8	9	19	40 g
MVQE-300-8A	Rc1/4	24	31	100 g
MVQE-300-10A	Rc3/8	25	33	80 g
MVQE-301-10A	Rc3/8	60	70	230 g
MVQE-301-15A	Rc1/2	110	110	212 g
MVQE-400-15A	Rc1/2	46	46	240 g
MVQE-501-20A	Rc3/4	135	180	765 g
MVQE-501-25A	Rc1	176	187	695 g

Symbol



Order example

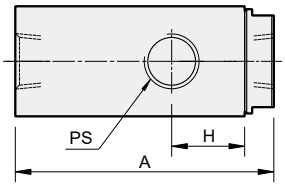
MVQE300 — 10A — G

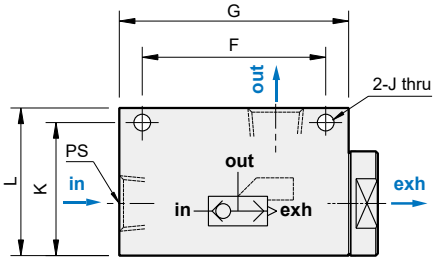
- MODEL
- BODY SIZE
  - **1**: 1/8
  - **3**: 3/8
  - **4**: 1/2
  - **5**: 3/4
- STYLE
  - **0**: Lip (6A-15A)
  - **1**: Diaphragm (10A-25A)
- PORT SIZE

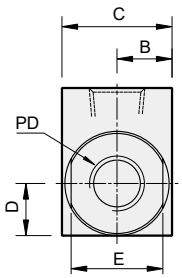
Port size		Applicable series
6A	Rc1/8	MVQE100
8A	Rc1/4	MVQE300
10A	Rc3/8	MVQE300, MVQE301
15A	Rc1/2	MVQE301, MVQE400
20A	Rc3/4	MVQE501
25A	Rc1	

- PORT THREAD
  - Blank: Rc thread
  - **G**: G thread
  - **NPT**: NPT thread

MVQE100/300/400

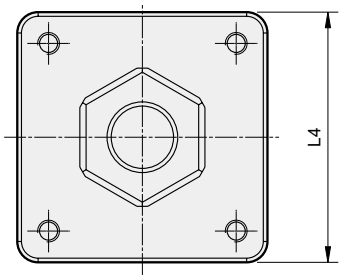


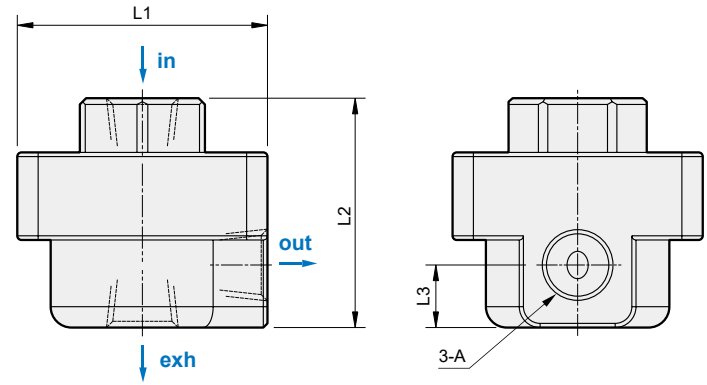




Code / Model		A	B	C	D	E	F	G	H	J	K	L	PS	PD
MVQE100	6A	40	8.25	16.5	9	14	26	35	12	ø3.4	22.6	26	Rc1/8	Rc1/8
MVQE300	8A	62	13.2	26.4	13	22	45	55	17.5	ø4	29.5	35.4	Rc1/4	Rc3/8
	10A	62	13.2	26.4	13	22	45	55	17.5	ø4	29.5	35.4	Rc3/8	Rc3/8
MVQE400	15A	69	20	40	20	36	51	62	20	ø4	46	52	Rc1/2	Rc1/2

MVQE301/501





Code / Model		A	L1	L2	L3	L4
MVQE301	10A	Rc3/8	60	55	15	60
	15A	Rc1/2	60	55	15	60
MVQE501	20A	Rc3/4	90	82.5	23	90
	25A	Rc1	90	82.5	23	90