KHV series



KHV-300-03

How to Order

KHV [ ] - [3] [0] [0] - [03]
① ② ③ ④ ⑤

① Port type

Nil	Rc(PT) (Standard)
G	G

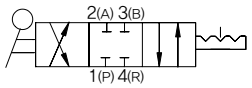
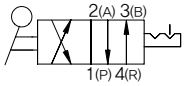
② Body size

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

③ Piping & mounting method

	Piping	Mounting method
0	Side	Body
1	Side	Panel

④ Position

Position		Symbol
0	3 Position	
2	2 Position	

⑤ Port size

	Body size		
	2	3	4
02	•		
03		•	
04		•	•
06			•

Specifications

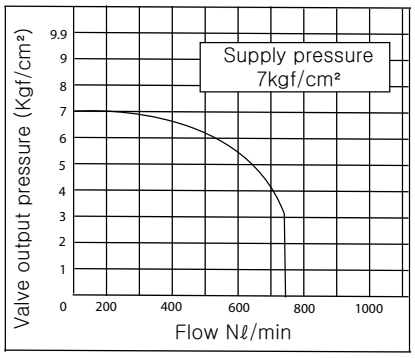
Type	KHV200	KHV300	KHV400
Fluid	Compressed air		
Max. operating pressure	9.9kgf/cm² (0.99MPa)		
Proof pressure	15kgf/cm² (1.5MPa)		
Effective sectional area mm²(Cv)	7.5 (0.4)	20 (1.1)	55 (3.1)
Ambient & fluid temperature	5℃ ~ 60℃		
Operating angle	90°		

Precautions

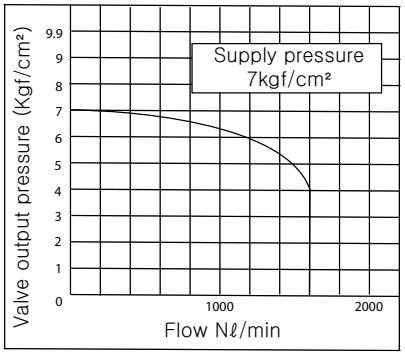
1. P and R position can not be changed reciprocally when piping. (Valve plate can be detached)
2. Ensure connection so that air is supplied to the port "P". Valve may have air leakage when air pressure is supplied from other ports.
3. When the valve is installed in an atmosphere where there is a lot of dust, install a silenscer into the port "R". If dust enters the valve from the port "R", it may cause malfunction.
4. To stop the valve midway can cause malfunction. Switch the valve to each position quickly and firmly.

Flow Characteristic

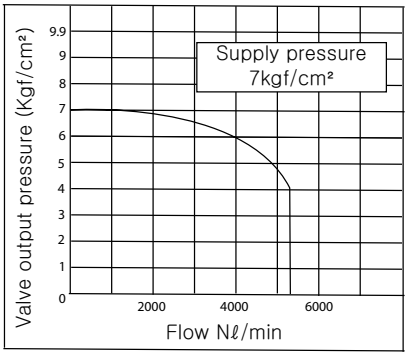
Effective sectional area S=7.5mm²



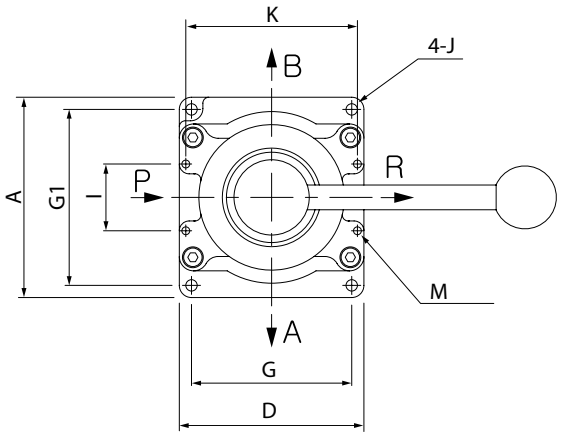
Effective sectional area S=20mm²



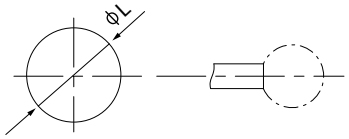
Effective sectional area S=55mm²



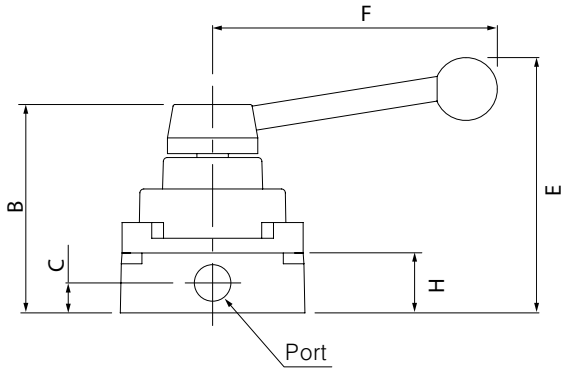
Dimensions



Panel mounting holes



Model	Max. panel thickness
KHV200	3.5
KHV300	3.5
KHV400-04	8.0
KHV400-06	8.0



Model	Port size Rc(PT)	A	B	C	D	E	F	G	G1	H	I	J	K	L	M	Weight (g)
KHV200	1/4	62	81.5	11.5	62	102	95	49	49	23	-	5.3	54	35	2-Ø6	570
KHV300	3/8	74	94	13.5	74	115	122	62	62	27	18	6.3	66	41	4-Ø6	830
KHV400-04	1/2	102	107	15	94	130	145	81	89	30	34	6.3	82	51	4-Ø7	1246
KHV400-06	3/4	104	111	17	104	140	145	88	88	39	34	6.3	82	51	4-Ø7	1450