

4H Series

Hand Pull Valve



The way to automation

- Valve
- 4V100
- 4V200
- 4V300
- 4V400
- Manifold
- 3V1
- JEL
- JZF
- MVSD
- VF, VZ
- BM, PU, AM
- Diaphragm
- Coil
- 2V
- 2W
- 2W(Big)
- 2P
- 2L
- VX
- PU
- PU225
- 2Q
- JEL5404
- JEL6213
- Pulse
- JELJZF
- 4H**
- TSV
- MPV
- 4HV
- HV, K
- 4R
- 4F
- MSV
- JM
- ASC, RE
- QE, QEA
- ST
- HSV



Ordering Code

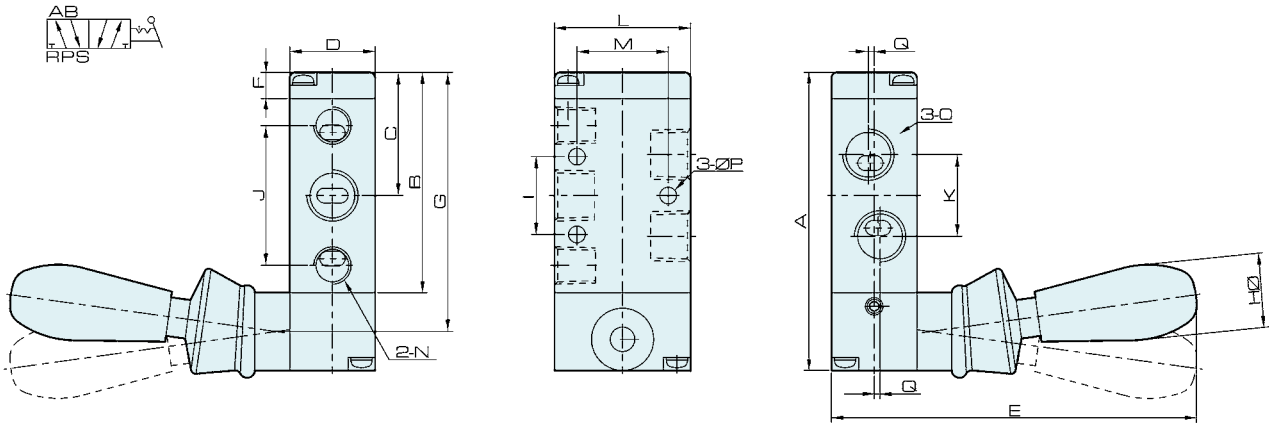
4H	2	10	C	06	L
↓	↓	↓	↓	↓	↓
Specification	Series Code	Position Number	Middle Position	Port Size	Type
4H: 5/2(3) Way	2: 200 Series 3: 300 Series 4: 400 Series	10: Single head two position 30: Single head three position	C: Mid-position closed E: Mid-position exhaust P: Mid-position pressure	06: G 1/8" 08: G 1/4" 10: G 3/8" 15: G 1/2"	Blank: 5/2 way lock type L: 5/3 way lock type S: 5/2 (3) way spring return type

Specification

Model	4H210-06	4H210-08	4H230-08	4H310-08	4H310-10	4H330-10	4H410-15	4H430-15
Working Medium	40 Micron Filtered Air							
Operation	Direct							
Effective Cross Section Area	14 mm ² (CV=0.78)	16 mm ² (CV=0.89)	12 mm ² (CV=0.67)	25 mm ² (CV=1.4)	30 mm ² (CV=1.68)	18 mm ² (CV=1.00)	50 mm ² (CV=2.79)	30 mm ² (CV=1.68)
Port Size	Inlet, Outlet, Exhaust Port = G 1/8"	Inlet, Outlet = G 1/4" Exhaust Port=G 1/8"	Inlet, Outlet, Exhaust Port = G 1/4"	Inlet, Outlet, Exhaust Port = G 1/4"	Inlet, Outlet = G 3/8" Exhaust Port = G 1/4"		Inlet, Outlet, Exhaust Port = G 1/2"	
Working Pressure	0 ~ 0.8 MPa							
Working Temperature	0 ~ 60 °C							

Overall Dimension

4H Series



Dimension

Symbol	4H210-08(06)	4H230-08(06)-S (Automatic Rebound)	4H310-10(08)	4H330-10(08)-S (Automatic Rebound)	4H410-15	4H430-15-S (Automatic Rebound)
	4H230-08(06)-L		4H330-10(08)-L		4H430-15-L	
A	76	95	96	115	126	147
B	56.5	75.5	72	91	102	123
C	31.5	31.5	40	60	55.5	76.5
D	22	22	27	27	34	34
E	95	95	100	100	110	110
F	6.5	6.5	7.5	7.5	7.5	7.5
G	66.5	85.5	84	103	114	135
H	18	18	18	18	18	18
I	20	20	24	24	28	28
J	36	36	45	45	63	63
K	21	21	24	24	36	36
L	35	35	40	40	50	50
M	21	21	27	27	35	35
N	G 1/8	G 1/8	G 3/8	G 3/8	G 1/2	G 1/2
O	G 1/4 (G 1/8)	G 1/4 (G 1/8)	G 3/8 (G 1/4)	G 3/8 (G 1/4)	G 1/2	G 1/2
P	4.3	4.3	4.3	4.3	5.5	5.5
Q	1.5 (-)	1.5 (-)	2 (-)	2 (-)	-	-

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4V300
4V400

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3V1

JEL

JZF

MVSD

VF, VZ

BM, PU, AM

Diaphragm

Coil

2V

2W

2W(Big)

2P

2L

VX

PU

PU225

2Q

JEL5404

JEL6213

Pulse

JEL, JZF

4H

TSV86

MPV

4HV

HV, K

4R

4F

MSV

JM

ASC, RE

QE, QEA

ST

HSV