



5JV110-06



5JV120-06



5JV130C-06



5JV210-06



5JV220-06



5JV230C-06

Features

1. The main body of the solenoid valve is used new structure of 5V, with characteristics of large flow and long life time same as 5V.
2. Piloted valve base using 10mm low voltage valve, can effectively save power consumption and lower temperature rise.

Ordering Code

5JV	1	10	06	B	S	AC220V	F
Specification	Series Code	Coil and Position	Port Size	Connection and Initial status	Reset Form	Standard Voltage	Joint
5JV: 5/2(3) way solenoid valve	1: 100 Series 2: 200 Series	10: Single coil 5/2 way 20: Double coil 5/2 way 30C: Double coils 5/3 way-closed 30E: Double coils 5/3 way-exhausted 30P: Double coils 5/3 way-pressed	M5: M5×0.8 06: 1/8" 08: 1/4"	Blank: Threaded B: Namur	S: Spring reset	DC12V DC24V	1F-20F

Specification

Model	5JV110-M5	5JV120-M5	5JV130C-M5	5JV130E-M5	5JV130P-M5	5JV110-06	5JV120-06	5JV130C-06	5JV130E-06	5JV130P-06	
Valve Type	5/2 Way			5/3 Way			5/2 Way		5/3 Way		
Effective Cross Section Area	10mm ² (CV=0.56)			7mm ² (CV=0.4)			12mm ² (CV=0.67)		9mm ² (CV=0.05)		
Port Size	Inlet, Outlet, Exhaust Port = M5						Inlet, Outlet, Exhaust Port = G1/8				
Model	5JV210-06	5JV220-06	5JV230C-06	5JV230E-06	5JV230P-06	5JV210-08	5JV220-08	5JV230C-08	5JV230E-08	5JV230P-08	
Valve Type	5/2 Way			5/3 Way			5/2 Way		5/3 Way		
Effective Cross Section Area	14mm ² (CV=0.78)			12mm ² (CV=0.67)			16mm ² (CV=0.89)		12mm ² (CV=0.67)		
Port Size	Inlet, Outlet, Exhaust Port =G1/8						Inlet, Outlet, Exhaust Port =G1/4				
Working Medium	40 Micron Filtered Air										
Working-pressure	0.15~0.7MPa										
Max. Test Pressure	1MPa										
Ambient Temperature	0~50°C										
Power Consumption	1.2W										
Switching Frequency	5 Cycles / Sec.										

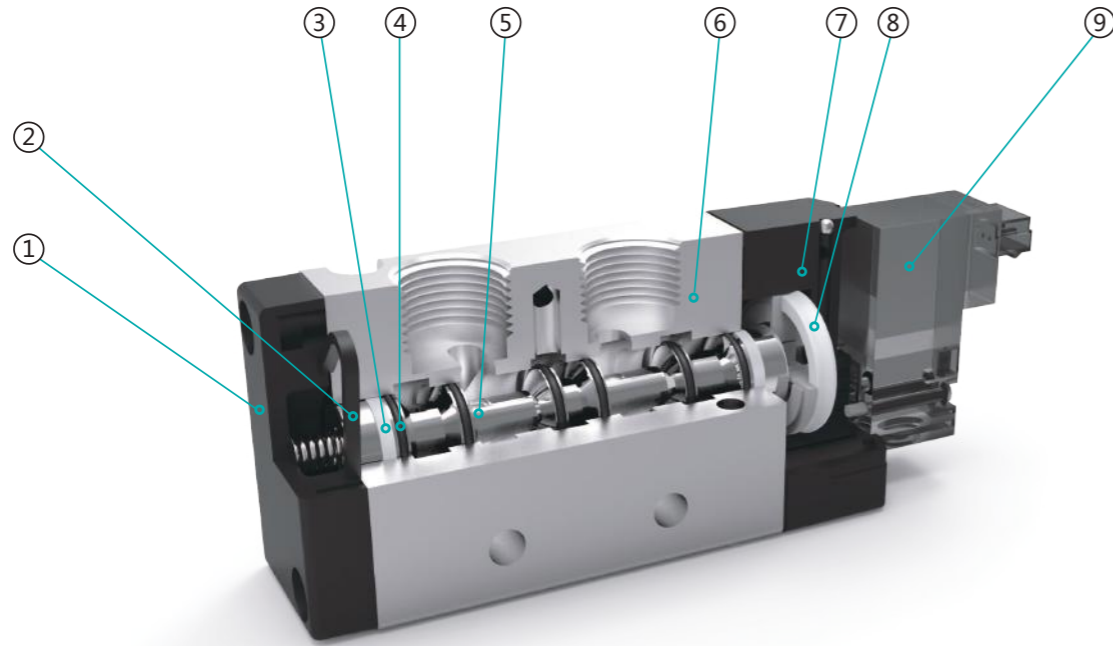
Valve

- J4V
- J4V100
- J4V200
- J4V300
- J4V400
- 5V
- Manifold
- JSY
- 5JV**
- MCS
- JVT307
- JEL
- MVSD
- VF
- BM
- NAMUR
- 551
- JEL10
- 3VJZF
- Diaphragm
- JELVD
- 3V1
- Coil
- 2P
- 2V
- 2W
- 2W(Big)
- 2L
- VX
- PU
- PU225
- 2Q
- JEL5404
- JEL6213
- BU
- Pulse
- JELJZF
- 4H
- TSV
- MPV
- 4HV
- HV, K
- 4R
- 4F210
- FV
- MSV
- JM
- ASC, RE
- QE, QEA
- ST
- HSV

5JV Series Solenoid Valve



Internal Structure



Parts

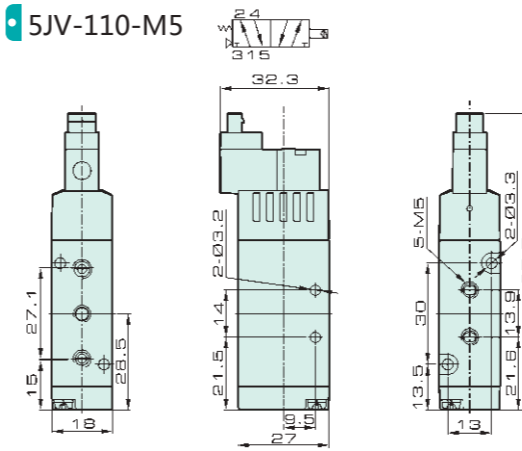
Number	Name	Number	Name
1	Back cover	6	Valve body
2	Diamond ring	7	Pilot seat
3	Anti-friction seal	8	Piston
4	Flat ring	9	Armature
5	Valve spool		

ISO9001:2015 CE

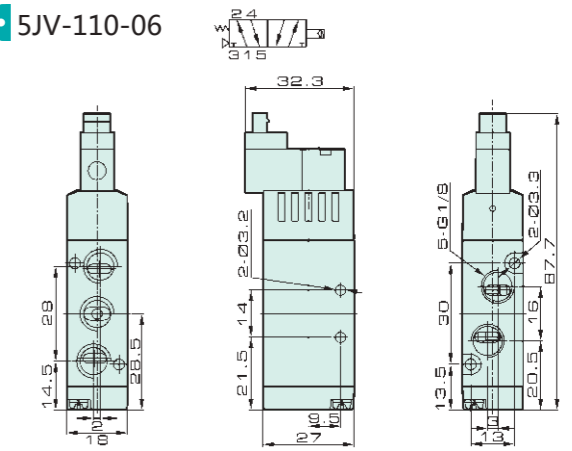
5JV Series Solenoid Valve

Overall Dimension

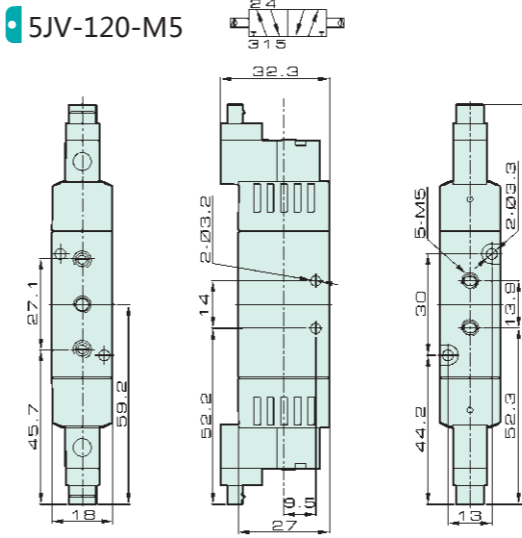
5JV-110-M5



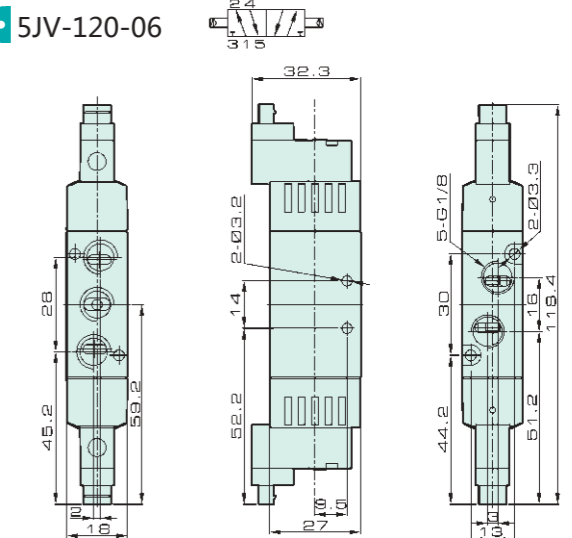
5JV-110-06



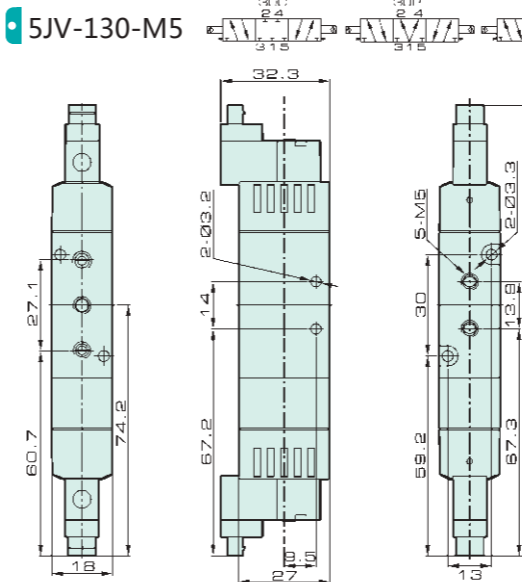
5JV-120-M5



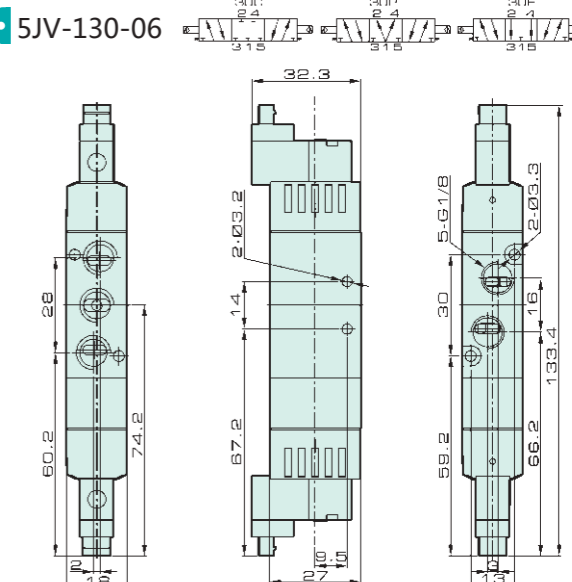
5JV-120-06



5JV-130-M5



5JV-130-06



- Valve
- J4V
- J4V100
- J4V200
- J4V300
- J4V400
- 5V
- Manifold
- JSY
- 5JV**
- MCS
- JVT307
- JEL
- MVSD
- VF
- BM
- NAMUR
- 551
- JEL10
- 3VJZF
- Diaphragm
- JELVD
- 3V1
- Coil
- 2P
- 2V
- 2W
- 2W(Big)
- 2L
- VX
- PU
- PU225
- 2Q
- JEL5404
- JEL6213
- BU
- Pulse
- JELJZF
- 4H
- TSV
- MPV
- 4HV
- HV, K
- 4R
- 4F210
- FV
- MSV
- JM
- ASC, RE
- QE, QEA
- ST
- HSV

- Valve
- J4V
- J4V100
- J4V200
- J4V300
- J4V400
- 5V
- Manifold
- JSY
- 5JV**
- MCS
- JVT307
- JEL
- MVSD
- VF
- BM
- NAMUR
- 551
- JEL10
- 3VJZF
- Diaphragm
- JELVD
- 3V1
- Coil
- 2P
- 2V
- 2W
- 2W(Big)
- 2L
- VX
- PU
- PU225
- 2Q
- JEL5404
- JEL6213
- BU
- Pulse
- JELJZF
- 4H
- TSV
- MPV
- 4HV
- HV, K
- 4R
- 4F210
- FV
- MSV
- JM
- ASC, RE
- QE, QEA
- ST
- HSV

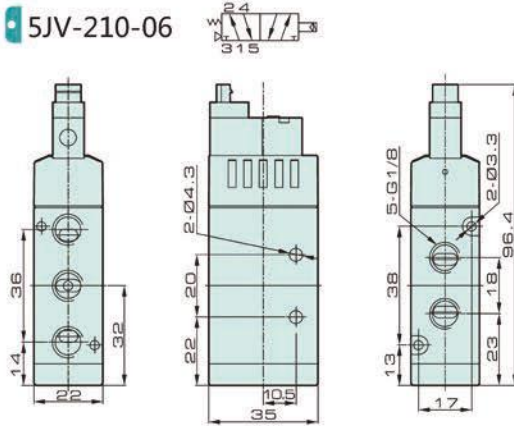
5JV Series Solenoid Valve



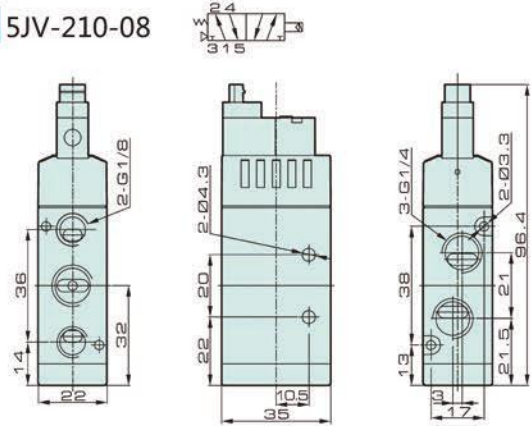
Overall Dimension

- Valve
- J4V
- J4V100
- J4V200
- J4V300
- J4V400
- 5V
- Manifold
- JSY
- 5JV**
- MCS
- JVT307
- JEL
- MVSD
- VF
- BM
- NAMUR
- 551
- JEL10
- 3VJZF
- Diaphragm
- JELVD
- 3V1
- Coil
- 2P
- 2V
- 2W
- 2W(Big)
- 2L
- VX
- PU
- PU225
- 2Q
- JEL5404
- JEL6213
- BU
- Pulse
- JELJZF
- 4H
- TSV
- MPV
- 4HV
- HV, K
- 4R
- 4F210
- FV
- MSV
- JM
- ASC, RE
- QE, QEA
- ST
- HSV

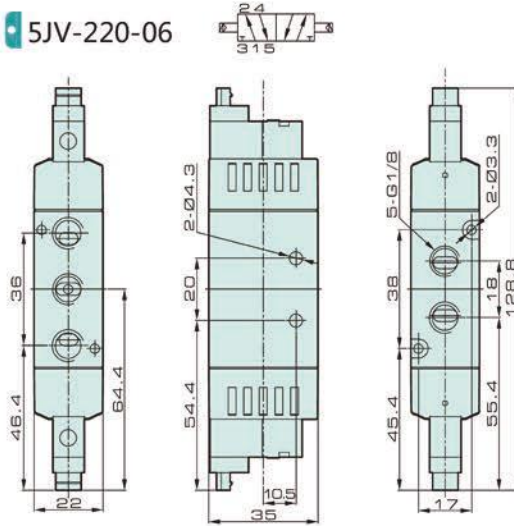
5JV-210-06



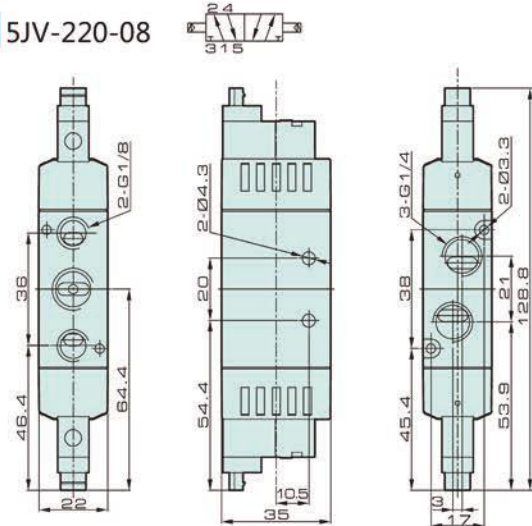
5JV-210-08



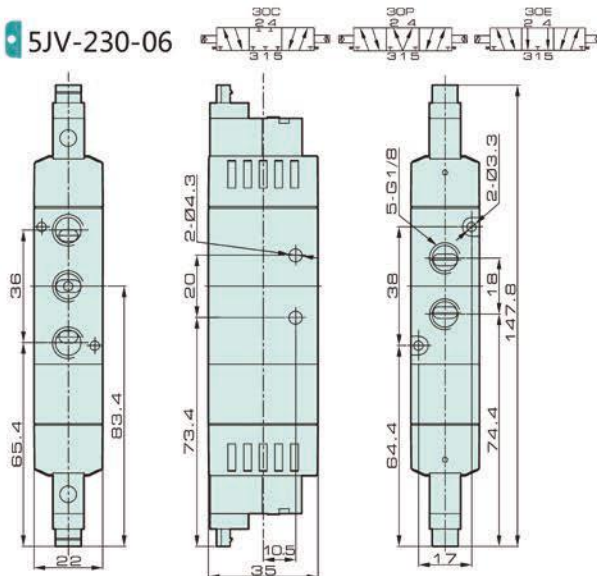
5JV-220-06



5JV-220-08



5JV-230-06



5JV-230-08

