

3V1 Series

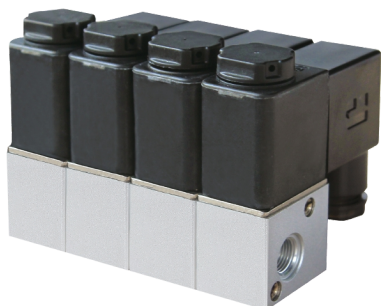
Solenoid Valve



Valve

J4V
J4V100
J4V200
J4V300
J4V400
Manifold
JSY
Terminal
JVT
JEL
MVSD
VF
NAMUR
551
JEL10
3VJZF
Diaphragm
JELVD

3V1
Coil
2P
2V
2W
2W(big)
2L
VX
PU
PU225
2Q
JEL5404
JEL6213
Pulse
JELJZF
4H
TSV
MPV
4HV
HV, K
4R
4F210
FV
MSV
JM
ASC, RE
QE, QEA
ST
HSV



3V1-06-4F



3V1-06



3V1-06A

Features

1. We guarantee inner hole roughness within our new processing.
2. Can be assembling with many joints.
3. To import German soft magnetic stainless steel to improve the magnetic performance and reduce coil capacity 30% .

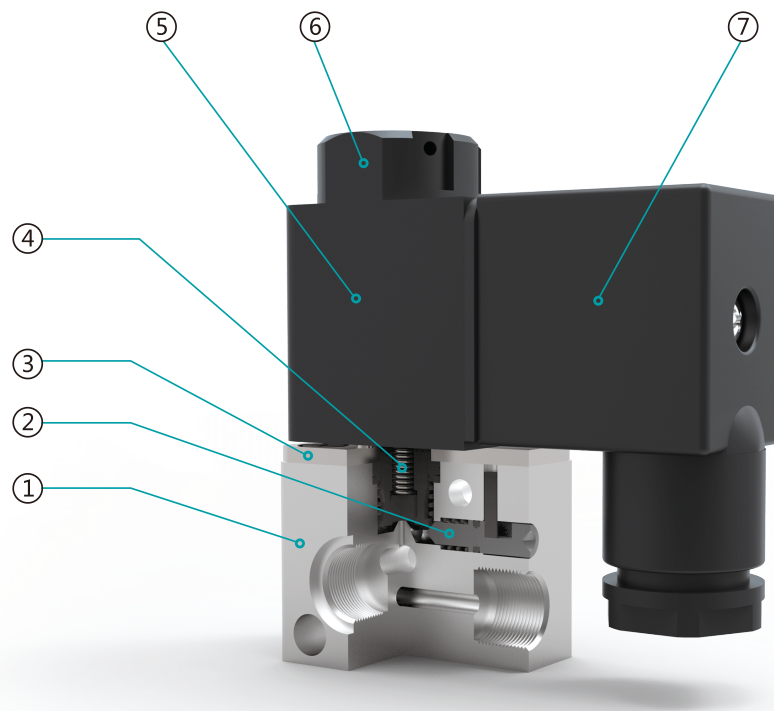
Ordering Code

3V	1	06	B	AC220V	W	F
Specification	Series Code	Port Size	Connecting Type	Standard Voltage	Wiring	Joint
3V: 3/2 way	1: 100 Series	M5: M5 06: 1/8"	Blank: Pipe type B: Plate type A: Diecast body	DC12V DC24V AC24V AC110V AC220V	LD: Brown with light terminal W: Lead wire	1F-20F

Specification

Model	3V1-M5	3V1-06(B/A)-NC
Working Medium	40 Micron Filtered Air	
Operation	Direct	
Port Size	M5	1/8" (Without or G1/8")
Ambient Temperature	-10 ~ +60°C	
Gas Temperature	5 ~ 60°C	
Air Outlet Diameter	1.0mm	
Lubrication	Not Required	
Working Pressure	0 ~ 0.8 MPa	
Max. Test Pressure	1.2 MPa	
Power Consumption	AC: 5.5VA DC: 4.8W	
Protect Class	IP65	
Wiring / Connector	Cable / Lead Wire or DIN Connector	
Material of Body	Aluminum Alloy	
Switching Frequency	10 Cycles / Sec.	
Insulation	F Class	
Operating Voltage Tolerance	±10%	
Response Time	0.05 Sec.	
Flow Aperture	Ø1mm	

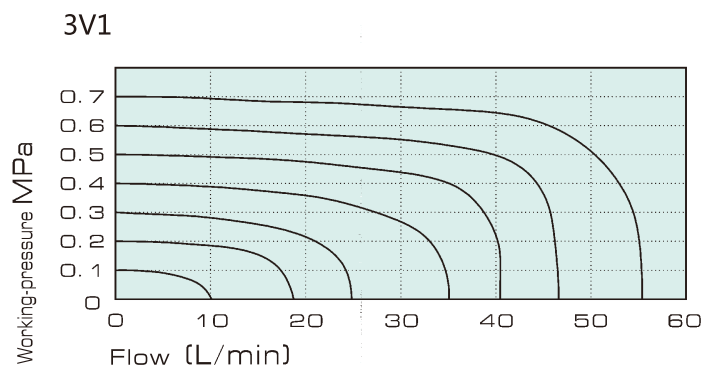
Internal Structure



Parts

Number	Name	Number	Name
1	Valve body	5	Coil
2	Manual ride spindle	6	Coil nut
3	Connecting part	7	Terminal
4	Solenoid plunger		

Flow Chart



Valve

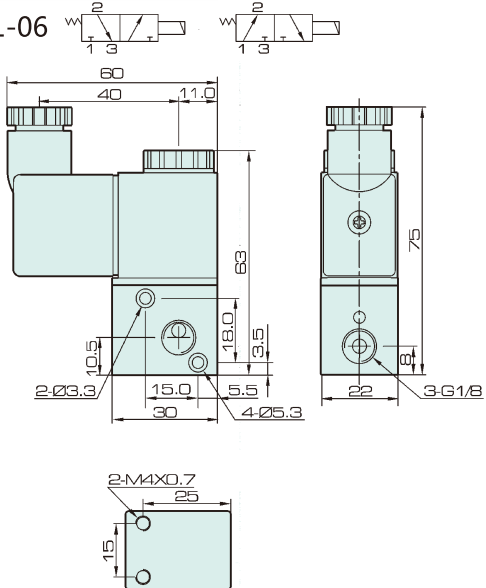
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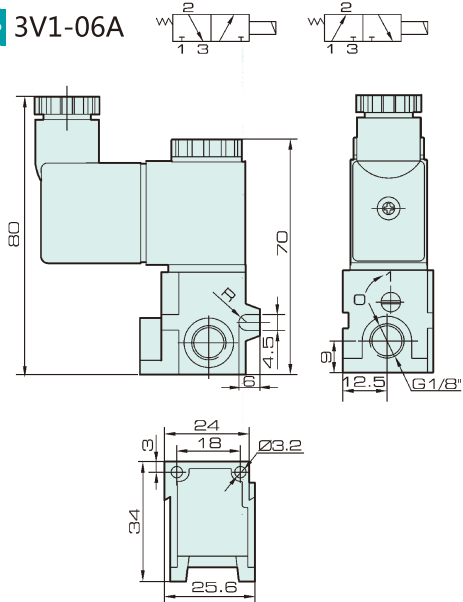
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Overall Dimension

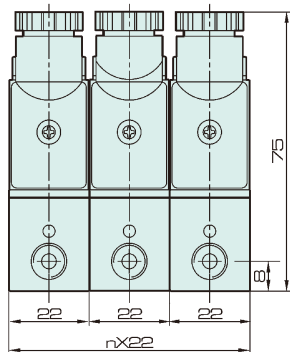
3V1-06



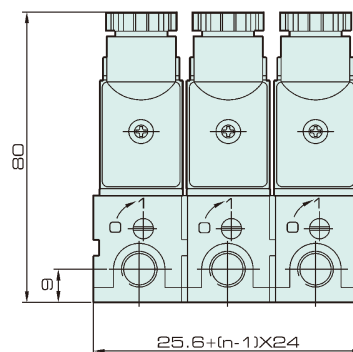
3V1-06A



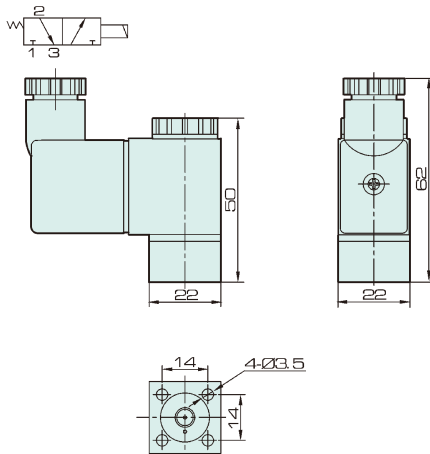
- 3V1-06-nF



3V1-06A-nF



3V1-06B



3V1-06B-nF

