3V Series Solenoid Valve



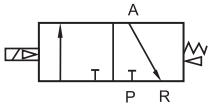
Product features:

* Stable life cycle,guaranteed 10,000,0000 times;
* Various voltage and working style are available;
* Different surface treatment,thread types
* (G、NPT、PT、BSPP、BSPT)are available.

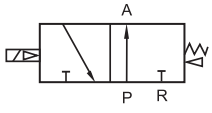




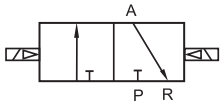
10-NC



10-NO



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Ordering Code 3V Series Solenoid Valve

3V 2 10 - 08 - □ □ - AC220V

Type Code
3V: 3Port, 2Position

Series Code
1:100 Series
2:200 Series
3:300 Series
4:400 Series

Coil
10:Single control
20:Double control

Joint Size
M5:M5
06:G1/8″
08:G1/4″
10:G3/8″
15:G1/2″

Control Type
Blank:Normal Close
NO:Normal Open

Coil Type
Blank: Din type
I: Fly leads

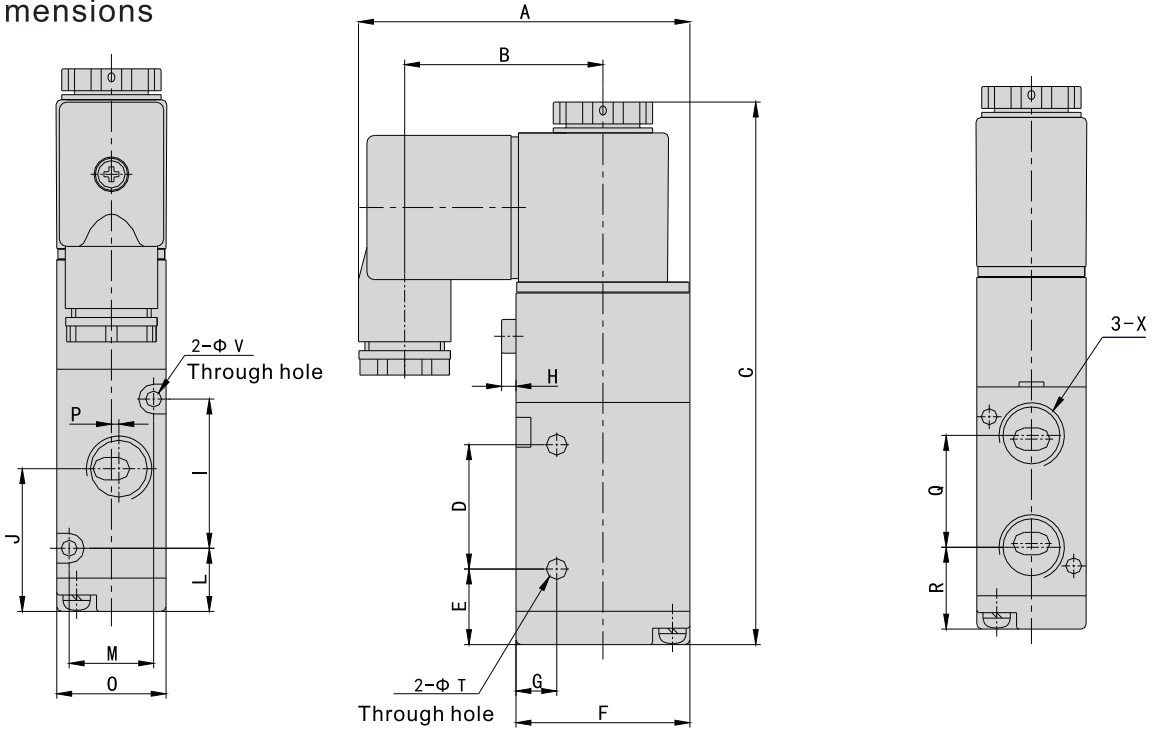
Standard Voltage
DC12V
DC24V
AC24V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

3V Series Solenoid Valve

Specifications 3V Series Solenoid Valve(2 Position 3 Port Single Control)

Model	3V110-M5	3V110- 06	3V210-06	3V210-08	3V310-08	3V310-10	3V410-15
Working Medium	Clean air(40μm Filteration)						
Acting Type	Internal Guide						
Joint Size	Import=M5 Export=M5	Import=1/8 Export=1/8	Import=1/8 Export=1/8	Import=1/4 Export=1/4	Import=1/4 Export=1/4	Import=3/8 Export=3/8	Import=1/2 Export=1/2
Sectional Area	5.5mm² (CV=0.31)	12mm² (CV=0.67)	14mm² (CV=0.78)	16mm² (CV=0.89)	25mm² (CV=1.39)	30mm² (CV=1.67)	50mm² (CV=2.79)
Working Pressure	0.15~0.9Mpa						
Max.Pressure	1.2Mpa						
Working Temperature	-5~60℃						
Voltage Range	-15%~10%						
Heat Resistant Grade	B						
Protective Class	IP65(DIN40050)						
Coil Type	Din type、Flying leads						
Max.Acting Frequency	5Times/S						4Times/S

Main Dimensions



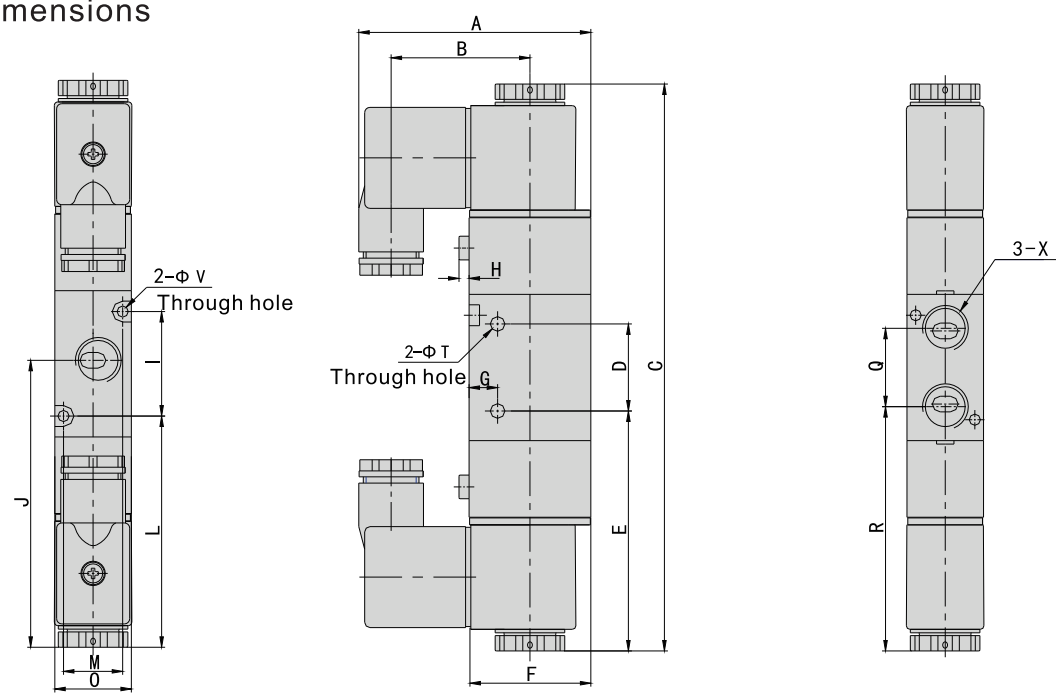
Model \ Sign	A	B	C	D	E	F	G	H	I	J	L	M	O	P	Q	R	ΦV	ΦT	X
3V110-M5	55.0	34	88.4	21	12.2	27	7.7	2.5	19	22.7	13.2	13	18	0	14.2	14.7	3.3	3.1	M5
3V110-06	55.0	34	88.4	21	12.2	27	7.7	2.5	19	23.7	13.2	13	18	1	16.0	14.7	3.3	3.1	1/8"
3V210-06	66.7	40	109	25	15.2	35	8.2	3	30	27.7	12.7	17	22	0	22.0	16.7	3.2	4.2	1/8"
3V210-08	66.7	40	109	25	15.2	35	8.2	3	30	28.7	12.7	17	22	1.5	22.5	16.7	3.2	4.2	1/4"
3V310-08	69.2	40	120	30	17.5	40	10.5	2.4	35	32.5	15.0	20	27	0	24.0	20.5	4.3	4.3	1/4"
3V310-10	69.2	40	120	30	17.5	40	10.5	2.4	35	32.5	15.0	20	27	2	24.0	20.5	4.3	4.3	3/8"
3V410-15	74.2	40	137	51	17.5	50	11.5	3	40	41.5	17.0	27	34	2	31.5	25.5	4.3	4.3	1/2"

3V Series Solenoid Valve

Specifications 3V Series Solenoid Valve(2 Position 3 Port Double Control)

Model	3V120-M5	3V120- 06	3V220-06	3V220-08	3V320-08	3V320-10	3V420-15
Working Medium	Clean air(40μm Filteration)						
Acting Type	Internal Guide						
Joint Size	Import=M5 Export=M5	Import=1/8 Export=1/8	Import=1/8 Export=1/8	Import=1/4 Export=1/4	Import=1/4 Export=1/4	Import=3/8 Export=3/8	Import=1/2 Export=1/2
Sectional Area	5.5mm² (CV=0.31)	12mm² (CV=0.67)	14mm² (CV=0.78)	16mm² (CV=0.89)	25mm² (CV=1.39)	30mm² (CV=1.67)	50mm² (CV=2.79)
Working Pressure	0.15~0.9Mpa						
Max.Pressure	1.2Mpa						
Working Temperature	-5~60℃						
Voltage Range	-15%~10%						
Heat Resistant Grade	B						
Protective Class	IP65(DIN40050)						
Coil Type	Din type、Flying leads						
Max.Acting Frequency	5Times/S						4Times/S

Main Dimensions



Model \ Sign	A	B	C	D	E	F	G	H	I	J	L	M	O	X	Q	R	ΦV	ΦT
3V120-M5	55	34	131.4	21	55.2	27	7.7	2.5	19	65.7	56.2	13	18	M5	16	57.7	3.3	3.1
3V120-06	55	34	131.4	21	55.2	27	7.7	2.5	19	66.7	56.2	13	18	1/8"	16	57.7	3.3	3.1
3V220-06	66.7	40	162.8	25	69	35	8.2	3	30	81.4	66.4	17	22	1/8"	22	70.2	3.2	4.2
3V220-08	66.7	40	162.8	25	69	35	8.2	3	30	82.4	66.4	17	22	1/4"	22.5	70.2	3.2	4.2
3V320-08	69.2	40	174.8	30	72.4	40	10.5	2.4	35	87.4	70.0	20	27	1/4"	24	75.4	4.3	4.3
3V320-10	69.2	40	174.8	30	72.4	40	10.5	2.4	35	87.4	70.0	20	27	3/8"	24	75.4	4.3	4.3
3V420-15	74.2	40	190.5	51	95	50	11.5	3	40	95	82	27	34	1/2"	31.5	79.5	4.3	4.3