



SOLENOID VALVE



SPECIFICATIONS

MODEL	3V110-06	3V210-08
Fluid	Air (to be filtered by 40 µm filter element)	
Acting	Internal pilot	
Valve Type	3 port 2 position	
Lubrication	Not required	
Operating Pressure	0.15-0.8MPa (21-114psi)	
Proof Pressure	1.2MPa(175psi)	
Temperature	-20~70°C	
Material of Body	Aluminium alloy	

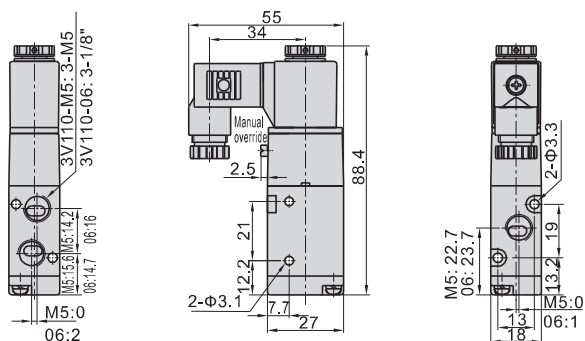
ORDERING CODE

3V	-	1	10	-	06
Model		Code	Valve Type		Port Size
		1:100 Series	10:Single Solenoid		Thread
		2:200 Series	20:Double Solenoid		06:1/8"
					08:1/4"

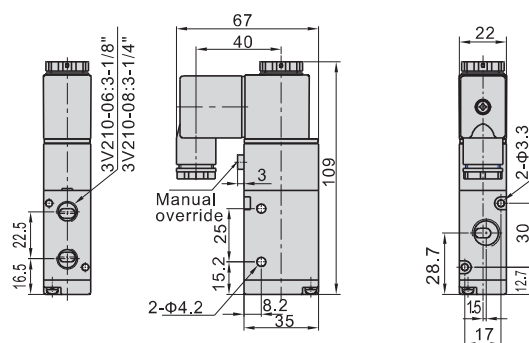
COIL SPECIFICATIONS

ITEM	Specification				
Standard voltage	AC 220V	AC 110V	AC 24V	DC 24V	DC 12V
Scope of voltage	AC: ±15%		DC: ±10%		
Power consumption	3.5VA	3.5VA	4.0VA	2.8VA	2.5VA
Protection	IP65(DIN40050)				
Temperature classification	B Class				
Electrical entry	Terminal				
Activating time	0.05 sec and below				
Max. frequency	5 cycles/sec				

3V110-06



3V210-08





SPECIFICATIONS

MODEL	4V110-06	4V210-08	4V220-08	4V230C-08	4V410-15	4V430C-15
Fluid	Air (to be filtered by 40 µm filter element)					
Acting	Internal pilot					
Valve Type	5 Port 2 position					5 Port 3 position
Lubrication	Not required					
Operating Pressure	0.15~0.8MPa (21~114psi)					
Proof Pressure	1.2MPa(175psi)					
Temperature	-20~70°C					
Material of Body	Aluminium alloy					

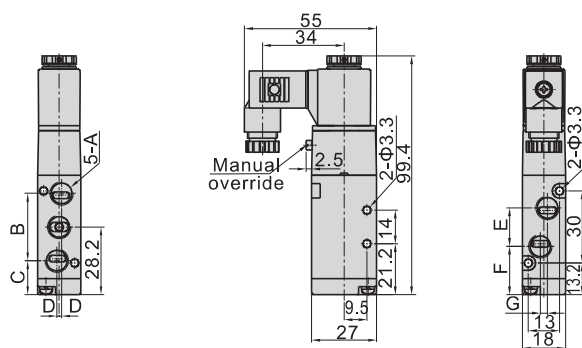
ORDERING CODE

4V	1	10	06
Model	Code	Valve Type	Port Size
1:100 Series		10:Single Solenoid	06:1/8"
2:200 Series		20:Double Solenoid	08:1/4"
4:400 Series		30C:Double Solenoid	15:1/2"
		5/3 Centre Closed	

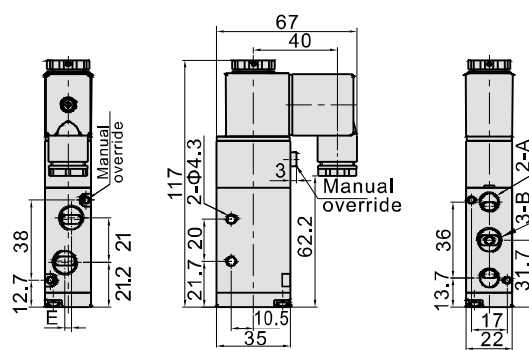
COIL SPECIFICATIONS

ITEM	Specification				
Standard voltage	AC 220V	AC 110V	AC 24V	DC 24V	DC 12V
Scope of voltage	AC: ±15%		DC: ±10%		
Power consumption	3.5VA	3.5VA	4.0VA	2.8VA	2.5VA
Protection	IP65(DIN40050)				
Temperature classification	B Class				
Electrical entry	Terminal				
Activitating time	0.05 sec and below				
Max. frequency	5 cycles/sec				

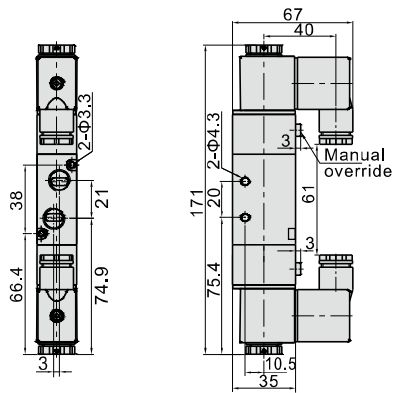
4V110-06



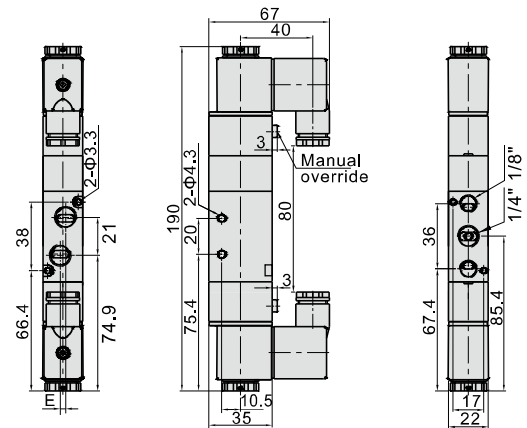
4V210-08



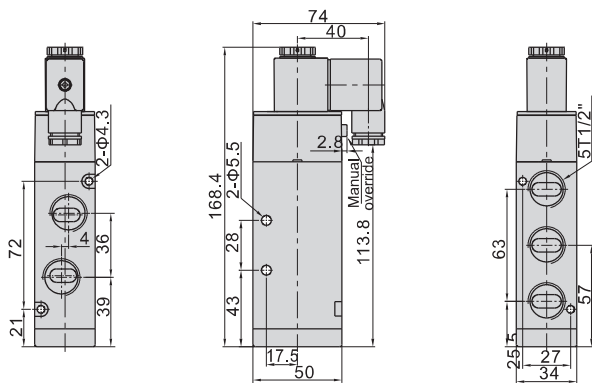
4V220-08



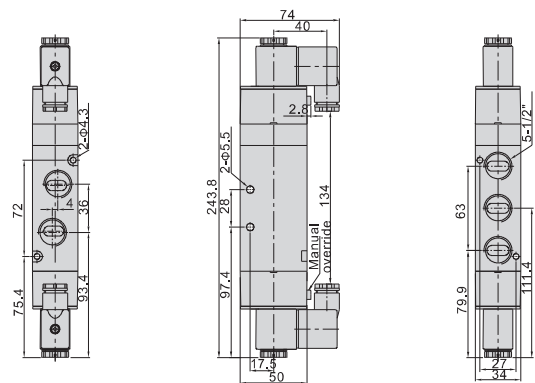
4V230-08



4V410-15



4V430C-15



Namur Valve (5/2 way)

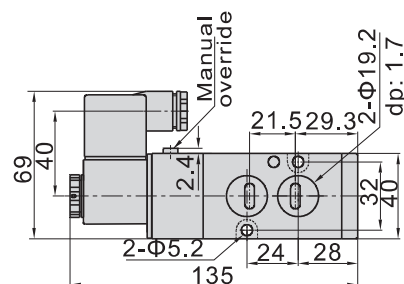
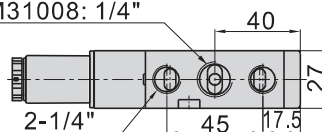


ORDERING CODE

4M310	—	3		10	—	08
Model		Code		Valve Type		Port Size
5/2Way		3:300 Series		10:Single Solenoid		Thread
Namur Valve						08:1/4"

4M310-08

4M31008: 1/4"



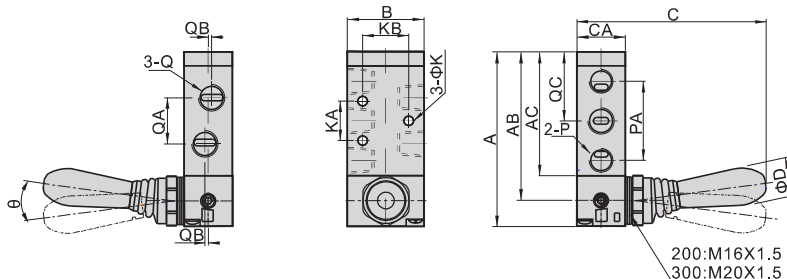
Hand Lever Valve (5/2 way)



ORDERING CODE

4H	—	2		10	—	08
Model		Code		Valve Type		Port Size
Manual		1:100 Series		10:5/2 way		Thread
Return		4:400 Series				06:1/8"
						15:1/2"

Dimensions



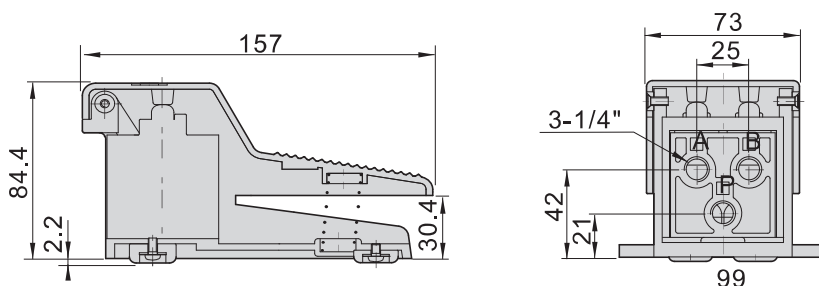
Model\Item	A	AB	AC	B	C	CA	D	K	KA	KB	P	PA	Q	QA	QB	QC	Θ
4H210-08	81.5	69.5	57.5	35	90	22	18	4.3	20	23.5	1/8"	36	1/4"	21	1.5	32.5	15
4H410-15	126	114	102	50	110	34	18	5.5	28	35	1/2"	63	1/2"	36	2	55.5	7.5

Foot Pedal Valve (5/2 way)


4F210-08

ORDERING CODE

4F210	-	08
Model		Port Size
Manual		Thread
Return		08:1/4"



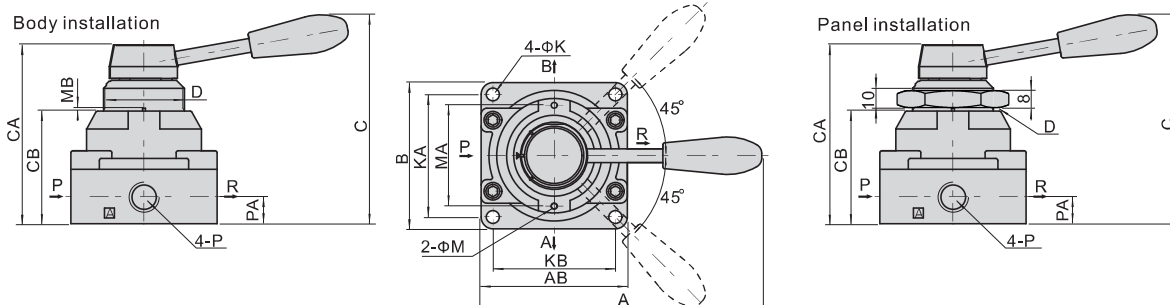
Hand Lever Valve (4/2 way)



ORDERING CODE

4HV	-	3		30	-	10
Model		Code		Valve Type		Port Size
		3:300 Series		30:4 Port 3 Position		Thread
						10:3/8"

Dimensions



Model\Item	A	AB	B	C	CA	CB	D	K	KA	KB	M	MA	MB	P	PA
4HV330-10	140	74	74	104	88.5	56	M40 X 1.5	6.5	62	62	3	51	1.5	3/8"	13.5



SPECIFICATIONS

MODEL	2W025-08	2W160-15
Working Medium	Air, Water, Oil, Gas	
Motion Pattern	Direct Drive Type	
Type	Normal Close Type	
Aperture of Flow Rate (mm)	2.5	16
CV Value	0.23	4.8
Port Size	1/4"	1/2"
Working Pressure	0~0.7mpa	
Max Pressure Resistance	1.0mpa	
Operating Temperature Range	-5~+80°C	
Voltage Range	±10%	
Material of Body	Brass	
Material of Oil Seal	NBR	



SPECIFICATIONS

MODEL	OPT-B
Description	Jointed
Port Size	1/2"
Pressure Range	0.05~0.85mpa
Proof Pressure	1.6mpa
Power Supply	24~240V AC/DC 50HZ/60HZ
Amb. Temperature	-5~80°C
Voltage Range	±10%
Protection Class	IP65
Connection Type	DIN43650A
Voltage	AC220V 50/60HZ
Highest Pressure (NC)	10Kgf/cm ²