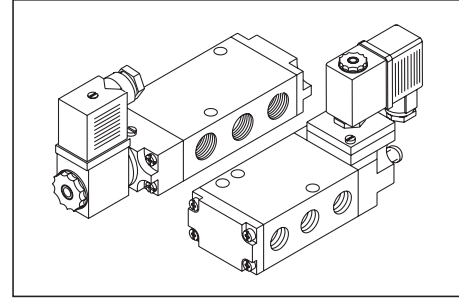


## G 1/4 - 5/2 & 3/2 Solenoid Operated Namur Valve

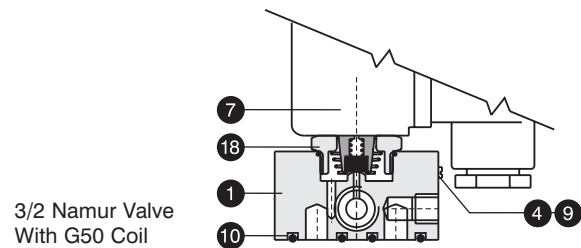
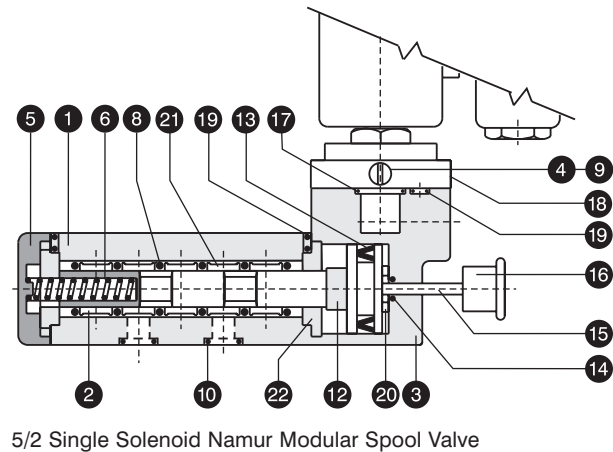
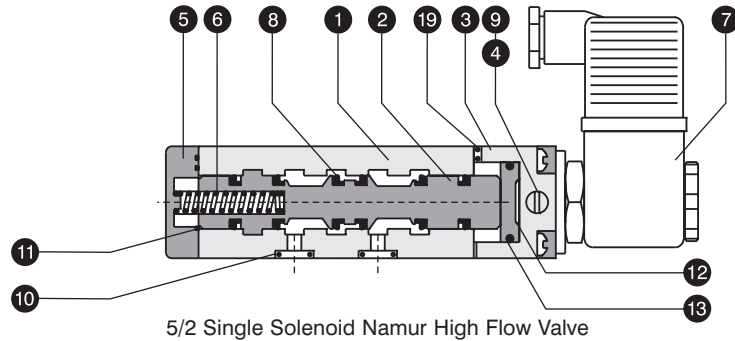
- Streamlined construction.
- Contoured dynamic seals ensures longer life.
- Higher flow capacities.
- Manual Override as a standard feature.



### PART LIST

NO.	DESCRIPTION	QTY.	
		Single Sol.	Double Sol.
1	Valve body	1	1
2	Spool	1	1
3	Solenoid housing	1	2
4	Manual override	1	2
5	Spring housing	1	--
6	Compression Spring	1	--
7	Coil with plug in connectors	1	2
8	Spool seal	6	6
9	M. O. pin 'O' ring	1	2
10	Subbase 'O' ring	2	2
11	Gasket	1	--
12	Piston	1	2
13	Seal for piston	1	2
14	'O' ring for plunger	1	2
15	Plunger	1	2
16	Knob for plunger	1	2
17	'O' ring for tube assly.	1	2
18	Tube assly.	1	2
19	'O' ring for seal housing	6	12
20	Washer	1	2
21	Shell	3	6
22	Bush	1	2

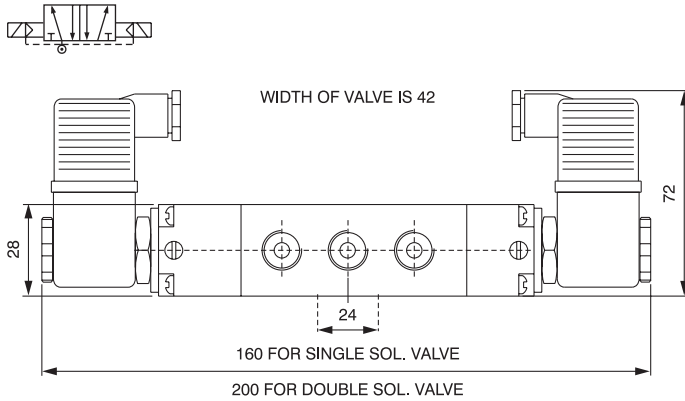
Seal kit consists of items (2+8), 9, 10, 11, 13, 14, 17, 19 & 21.



### COIL SPECIFICATIONS

TYPE	VALVE WITH ( G25 - 4W ) COIL	VALVE WITH ( G50 - 8W ) COIL
Construction	SS plunger with NBR seals, SS magnet core assembled with brass adaptor	
Coil Voltages	AC : 24, 110V, 50 Hz DC : 24V	AC : 24, 110, 240V 50 Hz DC : 12, 24, 48, 110, 240V
Voltage range	± 10%	+ 10% / - 15%
Power consumption	AC : Pull : 7.5 VA, Hold : 5 VA DC : 3 WATT	AC : Pull 21VA, Hold : 14VA DC : 10 WATT
Duty cycle	100%	
Class of insulation	F ( Winding wire of class 'H' insulation )	
Degree of protection	IP 65 - IS 2147	
Cable connector	DIN 43650 - PG 9	PG 11

### G1/4 - 5/2 DOUBLE SOLENOID NAMUR HIGH FLOW VALVE



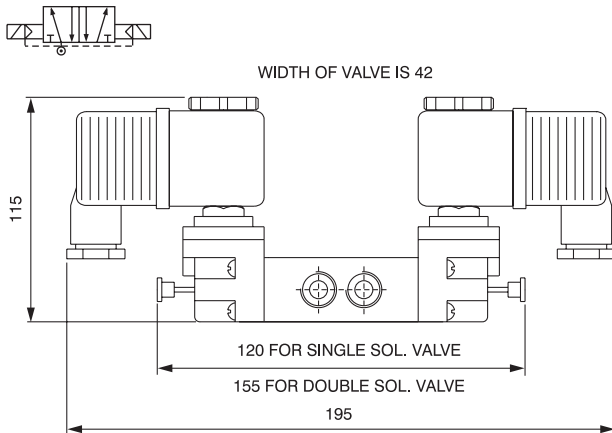
#### PART NOS.

Type	Valve	Seal kit
G1/4-5/2 Single Solenoid Namur High Flow valve without base plate	A43114NM	SK43114NM
G1/4-5/2 Single Solenoid Namur High Flow valve with special base plate	A43214NM	SK43214NM
G1/4-5/2 Double Solenoid Namur High Flow valve without base plate	A43114NM	SK43224NM
G1/4-5/2 Double Solenoid Namur High Flow valve with special base plate	A43214NM	SK43224NM

#### SPECIFICATIONS

Medium	Compressed air, Filtered
Design	Spool Type with Air Spring Return
Working pressure	1.5 - 10 Kg./sq.cm.
Ambient / fluid temp.	- 10° C to 55° C
Cv ( Nominal flow )	1.3 ( 1000 L/min )
Response time at 5 Bar	On time : 10 ms. Off time : 35 ms.
Manual override	Screw Type, Detent
Optional Features	PIC with Light Indicator External Pilot Actuation
Materials	Body : Aluminium Seals : NBR

### G1/4 - 5/2 DOUBLE SOLENOID NAMUR MODULAR SPOOL VALVE



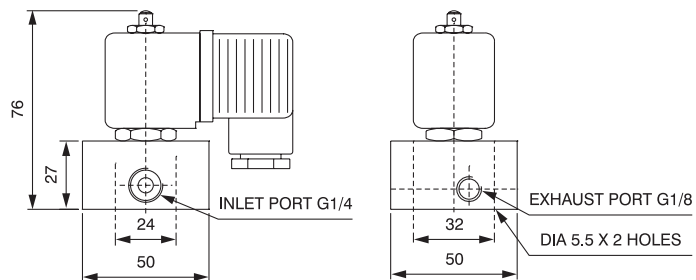
#### PART NOS.

Type	Valve	Seal kit
G1/4-5/2 Single Solenoid Namur Modular spool valve without base plate	A53114NM	SK53114NM
G1/4-5/2 Single Solenoid Namur Modular spool valve with special base plate	A53214NM	SK53214NM
G1/4-5/2 Double Solenoid Namur Modular spool valve without base plate	A53124NM	SK53124NM
G1/4-5/2 Double Solenoid Namur Modular spool valve with special base plate	A53224NM	SK53224NM

#### SPECIFICATIONS

Medium	Compressed air, Filtered
Design	Spool Type with Air Spring Return
Working pressure	1.8 - 10 Kg./sq.cm.
Ambient / fluid temp.	- 10° C to 55° C
Cv ( Nominal flow )	1.0 ( 1000 L/min )
Response time at 5 Bar	On time : 10 ms. Off time : 35 ms.
Manual override	Screw Type, Detent
Optional Features	PIC with Light Indicator External Pilot Actuation
Materials	Body : Aluminium Seals : NBR

### G1/4 - 3/2 NAMUR VALVE WITH G50 COIL



### PART NOS.

Type	Valve	Seal kit
1/4" - 3/2" Single Solenoid Normally closed Namur Valve with G50 coil	G454ANM	SK454ANM
1/4" - 3/2" Single Solenoid Normally open Namur Valve with G50 coil	G457ANM	SK457ANM

### SPECIFICATIONS

Medium	Compressed air, Filtered
Design	Direct acting
Working pressure	1.8 - 10 Kg./sq.cm.
Ambient / fluid temp.	- 10° C to 55° C
Cv ( Nominal flow )	1.0 ( 1000 L/min )
Response time at 5 Bar	On time : 10 ms. Off time : 35 ms.
Manual override	Screw Type, Detent
Optional Features	PIC with Light Indicator Manual override
Materials	Body : Aluminium Seals : NBR

### NAMUR MOUNTING DETAILS ( Seen from bottom )

