

Neles Easyflow™ Namur solenoid valves

Series VAQNC

5/2 and 3/2 way convertible solenoid operated direction control spool valve

Model No. VAQNC-113/213

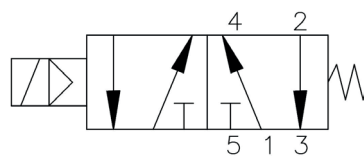
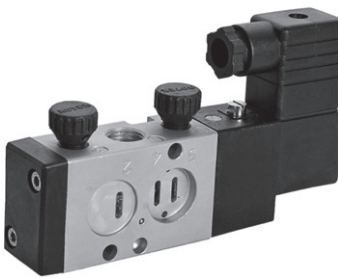


Figure 1

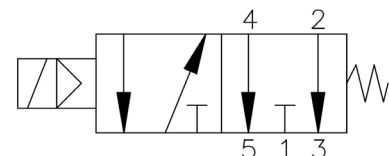


Figure 2

Features

- Manual override with lock facility
- IP67 solenoid, Ex version on request
- Corrosion resistant anodized aluminium
- All voltage rating available
- Long lasting PTFE seals
- Cover can be turned 180°C to change position of the manual override

Technical specification

Media	Compressed air, 50 µm. Filtered, lubricated or unlubricated
Type	5/2 and 3/2 way convertible solenoid operated direction control spool valve
Mounting	NAMUR
Orifice	5.3 mm
Flow factor (kv)	18 liters/min
Flow rate (Qn)	800 liters/min
Port size	1/8" and 1/4"
Operating pressure range	2-10 bar
Temperature range (°C)	-20 to 80
Response time at 5 bar	on time 32 msec and off time 48 msec
Manual override type	Push type & rotate to lock
Operating voltage	AC : 110, 220 (50Hz)
DC : 12, 24, 48	Continuous
Duty cycle	Continuous
Coil insulation class	F
Valve body MOC	Aluminium
Seals MOC	NBR
Coil temperature range	-10 to 50 °C
Valve body temperature range	-10 to 70 °C

Dimensional drawings

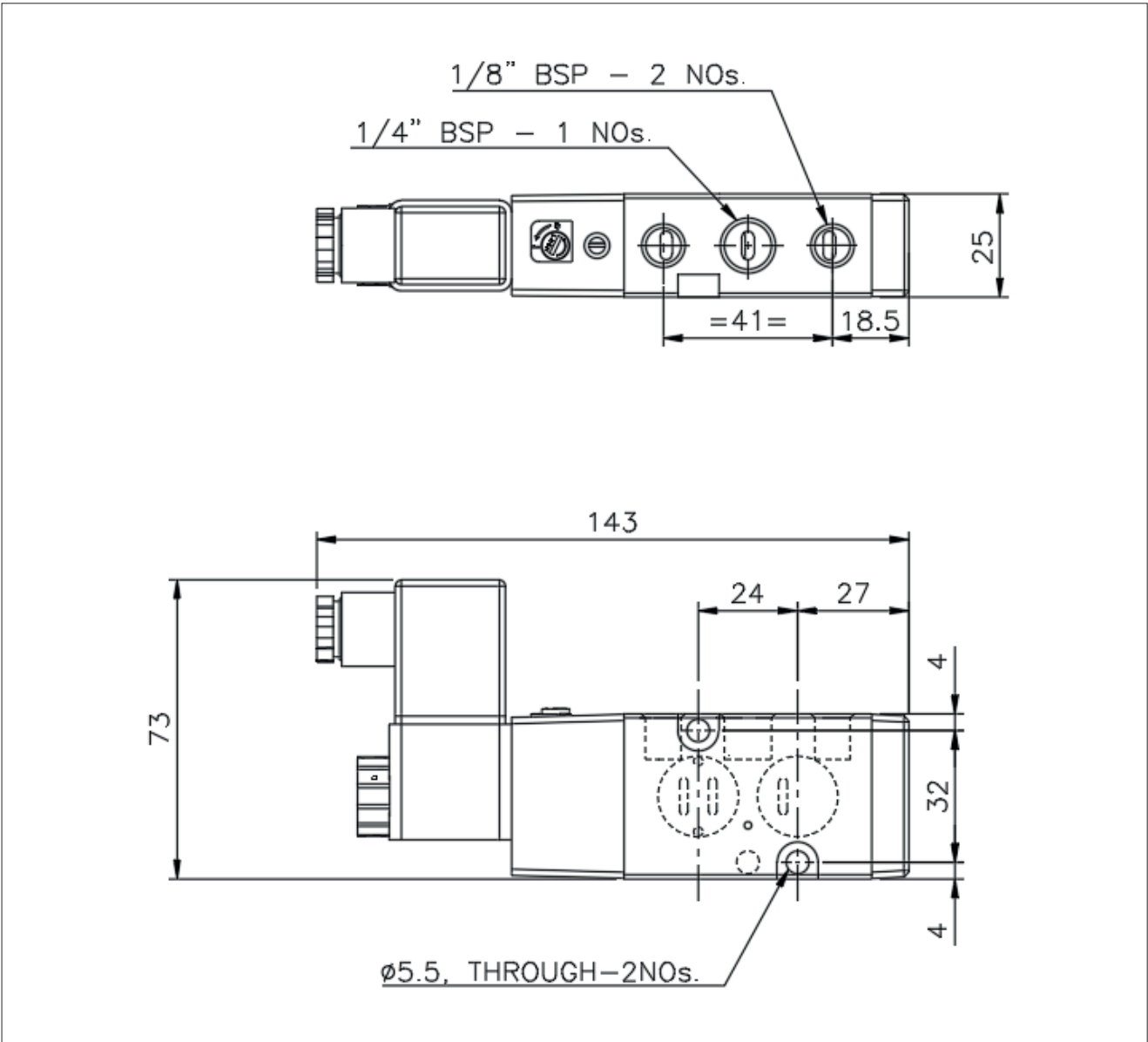


Figure 3 VAQNC113/213

Model No. VAQNC-114/214

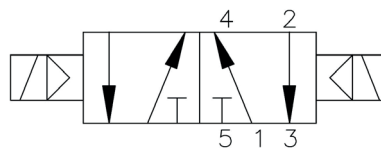


Figure 4

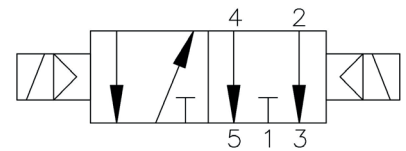


Figure 5

Features

- Manual override with lock facility
- IP67 solenoid, Ex version on request
- Corrosion resistant anodized aluminium
- All voltage rating available
- Long lasting PTFE seals
- Cover can be turned 180°C to change position of the manual override

Technical specification

Media	Compressed air, 50 µm. Filtered, lubricated or unlubricated
Type	5/2 and 3/2 way convertible solenoid operated direction control spool valve direction control valve
Mounting	NAMUR
Orifice	5.3 mm
Flow factor (kv)	18 liters/min
Flow rate (Qn)	800 liters/min
Port size	1/8" and 1/4"
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Dimensional drawings

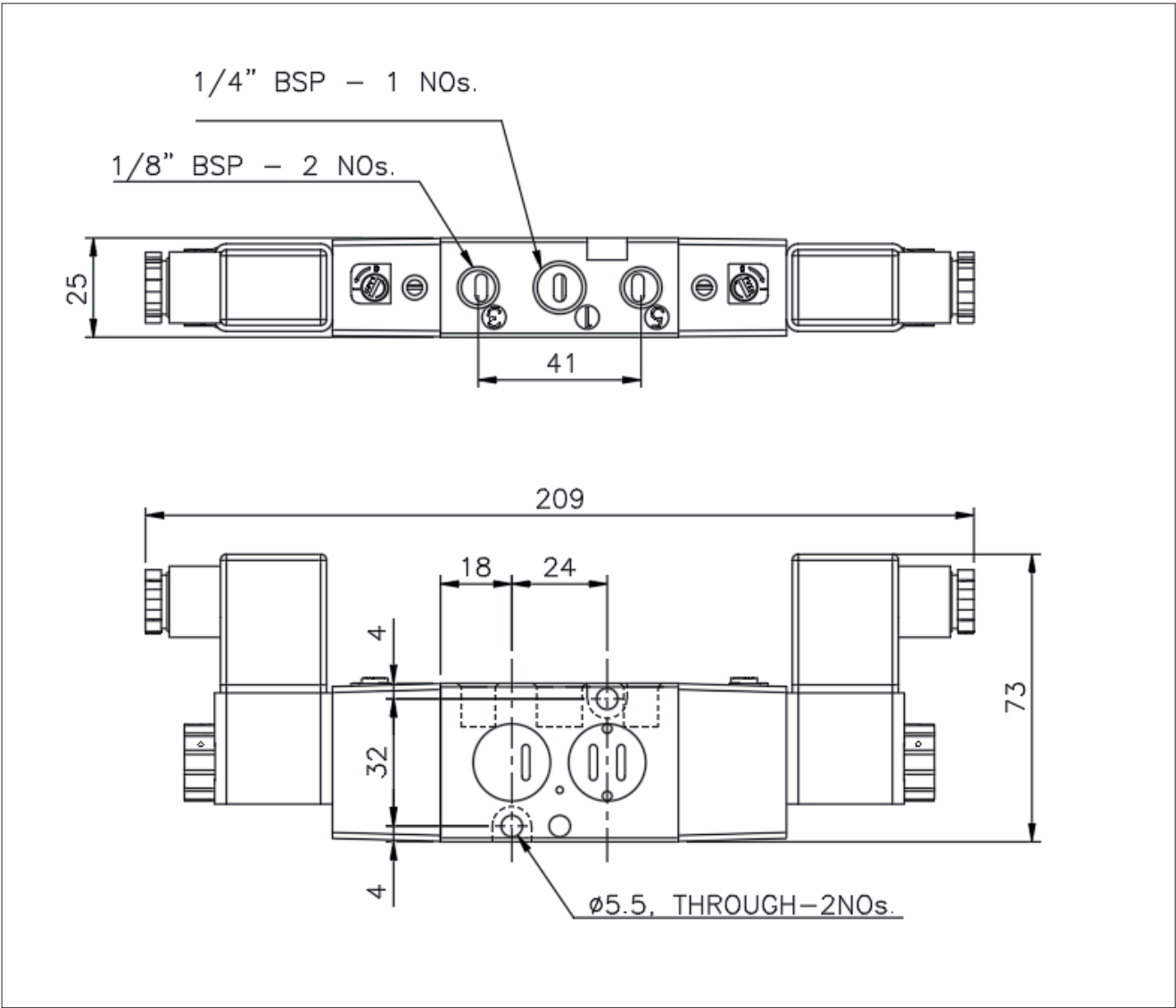


Figure 6 VAQNC114/214

How to order

1	2	3	4	5	6	7
VAQNC	1	13	G	0	0	01D0

1	Valve type
VAQNC	5/2 and 3/2 way convertible solenoid operated direction control spool valve

2	Port size
1	1/8"
2	1/4"

3	Operator
13	Single coil solenoid valve
14	Double coil solenoid valve

4	Port thread type
G	BSP
R	NPT

5	Body material
0	Aluminium
1	SS316

6.	Seal material
0	NBR
1	VITON

7	Coil Voltage, Amisco
01D0	12VDC
02D0	24VDC
03D0	48VDC
04D0	110VDC
05D0	220VDC
01A0	24VAC
02A0	48VAC
03A0	110VAC
04A0	220VAC
11AL	110VAC-LED
12AL	220VAC-LED
13AL	24VAC-LED
11DL	24VDC-LED

7	Coil Voltage, Nass Magnet
01DN	12VDC
02DN	24VDC
03DN	48VDC
04DN	110VDC
05DN	220VDC
01AN	24VAC
02AN	48VAC
03AN	110VAC
04AN	220VAC
11ALN	110VAC-LED
12ALN	220VAC-LED
13ALN	24VAC-LED
11DLN	24VDC-LED

ORDERING EXAMPLE:

1. VAQNC-1-13-G-0-0-01D0. This is a 5/2 position single coil Namur mounted solenoid valve with port size of 1/8" BSP Connection with Aluminium body having NBR seal and coil voltage of 12VDC.

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