Neles Easyflow™ Namur Solenoid Valves, Series VAQNCFC version 2

5/2 Way Namur Solenoid Valve - Single Coil

Model No. Vaqncfc-213



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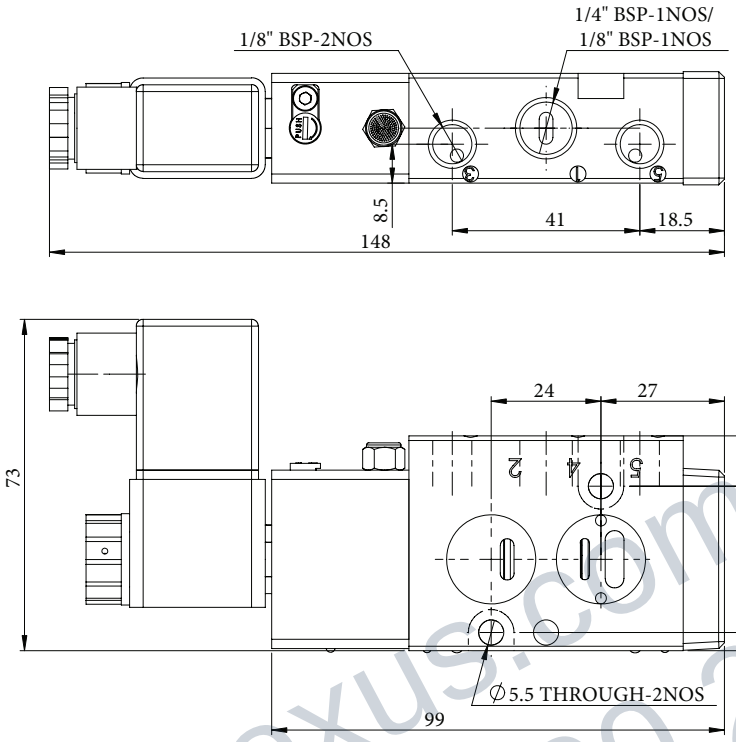
Features

- 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
- IP Certified valves
- Exd Certified Coil
- Exia certified Coil

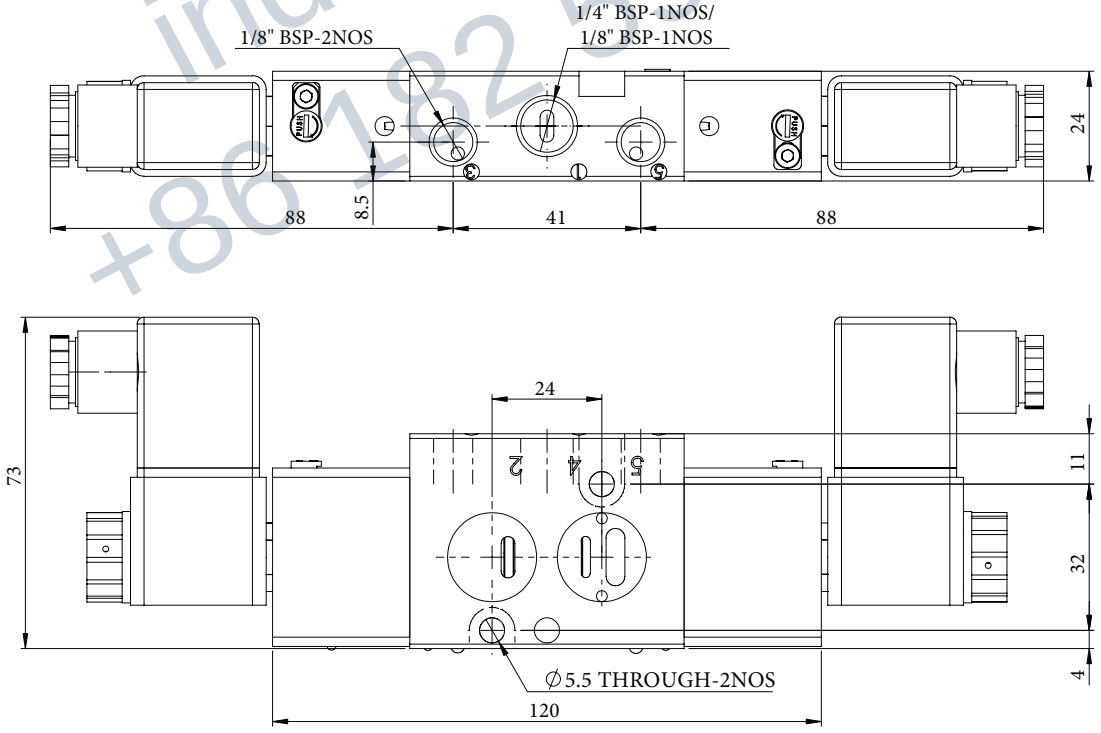
Technical specification

Media	Compressed air, 50 µm. Filtered, lubricated or unlubricated
Type	5/2 way spool design, single coil, spring return direction control valve
Mounting	NAMUR
Orifice	5.3 mm
Flow factor (kv)	18 litres/min
Flow rate (Qn)	800 litres/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 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	Exd / Weatherproof IP / Exia
Coil temperature range	-10 to 50 °C
Valve body temperature range	-10 to 70 °C

Dimensional drawings



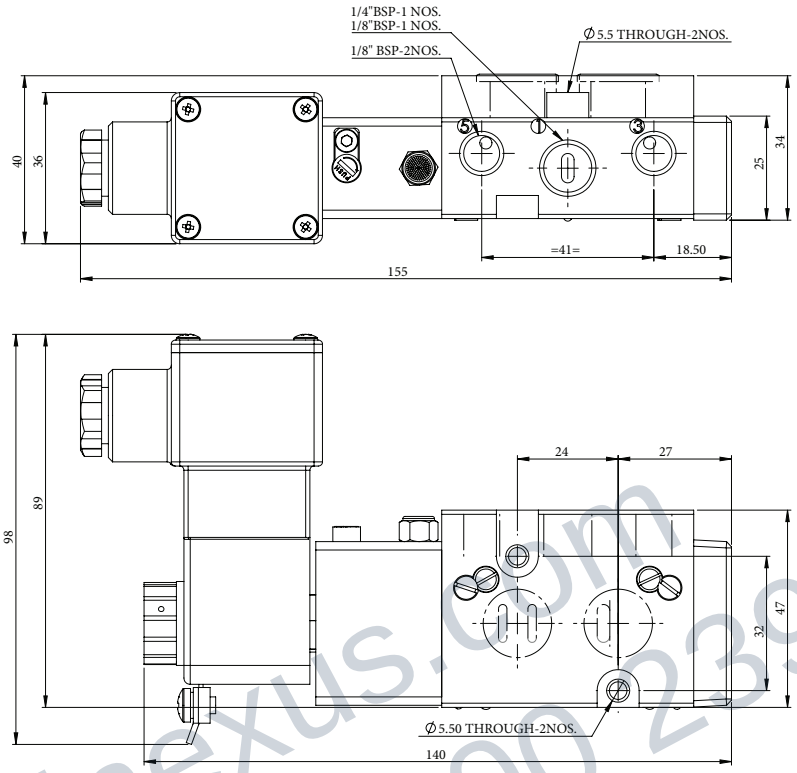
VAQNCFC113 and VAQNCFC213



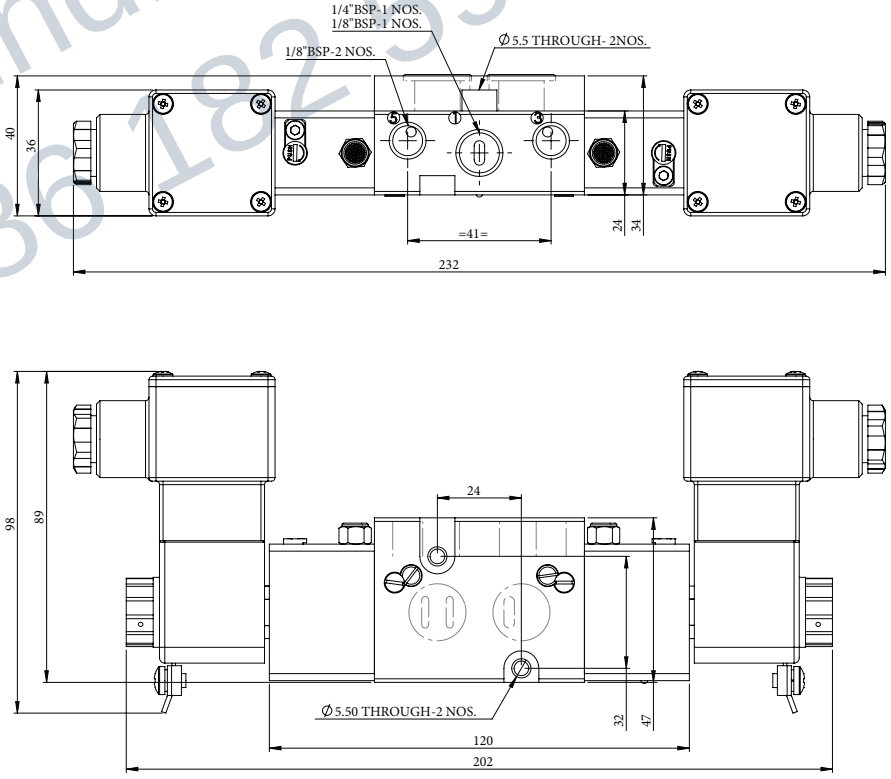
VAQNCFC114 and VAQNCFC214

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Dimension drawings with Exd Coil



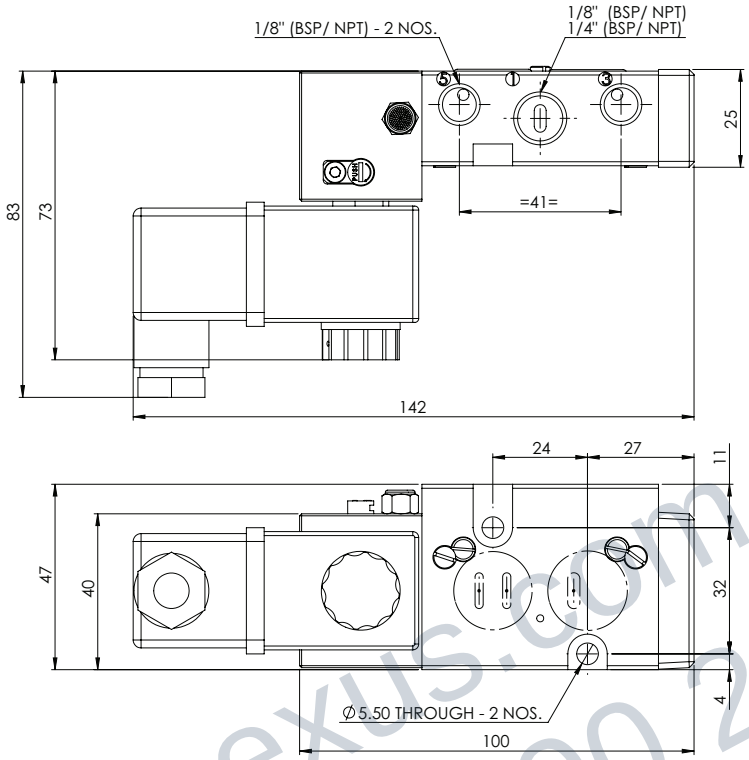
VAQNCFC 113/213



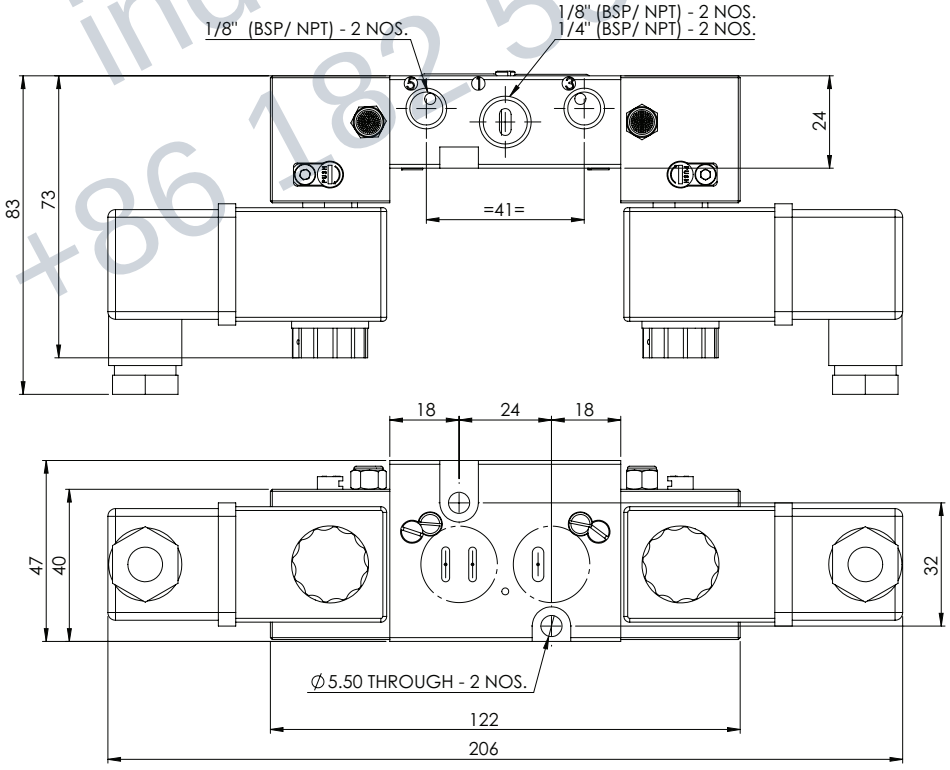
VAQNCFC 114/214

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Dimension drawings with Exia Nass Magnet Coils



VAQNCFC113/ 213 SERIES



VAQNCFC114/ 214 SERIES

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HOW TO ORDER NEED TO BE UPDATED ACCORDING TO NEW S389

How to order

1	2	3	4	5	6	7	8	9
VAQNCFC	1	13	G	0	0	01D0	P1	NN

1.	Valve type
VAQNC 5/2	VAQNC-FC 5/2

2.	Port size
1	1/8”
2	1/4”

3.	Operator
13	Single coil
14	Double coil

4.	Port thread type
G	BSP
R	NPT

5.	Body and spool material
0	Aluminium
1	SS316

6.	Seals material
0	NBR
1	VITON

7.	Coil
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

8.	Protection
P1	IP66/67
P2	IP65 Only applicable with sign 9 EXI

9.	Certification
NN	NILL
EN	Exd certification for coils - only applicable with sign 7. (12, 24, 48VDC), (24, 48, 110, 220, 230VAC) only sign 8. IP 66 applicable, only applicable with 6. sign NBR
EXI	Exia CERTIFICATION FOR COIL (WITH 24 VDC)- Only applicable with sign 8 P2 , Only applicable with 6 sign NBR and not Applicable with Sign 3 5/3 Way valves 15-55-75

ORDERING EXAMPLE:
VAQNCFC-1-13-G-0-0-01D0-P1-NN This is a 5/2 and 5/3 way convertible single coil Namur mounted solenoid spool valve with port size of 1/8” BSP connection with Aluminum body having NBR seal and coil voltage of 12VDC, IP Certified valve

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