

# Namur Series – 3/2 or 5/2 Universal

Specifications	
Function	
Media	Air
Maximum Viscosity	115 SSU
Body Material (Std)	Anodised Aluminium
Flange Tube	Brass
Plunger and top stop	Stainless Steel 430FR
Springs	Stainless Steel 302
Seal Material (Std)	NBR
Electrical Characteristics	
Coil Voltage DC (-)	12 V, 24 V, 110 V
Coil Voltage AC 50 Hz (-)	24 V, 110 V, 120 V, 230 V
Coil Voltage AC 60 Hz (-)	24 V, 110 V, 120 V, 220 V
Voltage Tolerance	+10% or -10%
Duty Cycle	100% ED
Protection Class (Std)	IP65 (BS EN 60529) (plug supplied as standard)
Electrical Connection (Std)	PG9 Din Connector DIN 43650/ISO 4400 (EN 175301-803) Form 'A'
Coil Insulation	Class F (BS EN 60085) 155 °C (E5 type)
Power Rating	5 watts

## Features and Benefits

- Ideal for in-line system service and repair
- Choice of valve body material seals
- Manual Override
- Low power LED Light
- Dual Coil option
- Exd, Exia and Exm compatible
- Max cycle frequency 5/sec



Pipe Size	Cv (gpm)	Kv (m³/h)	OPD (Bar)	P. Max Bar	Weight
¼"	1.4	1.2	2.5-10	10	0.50

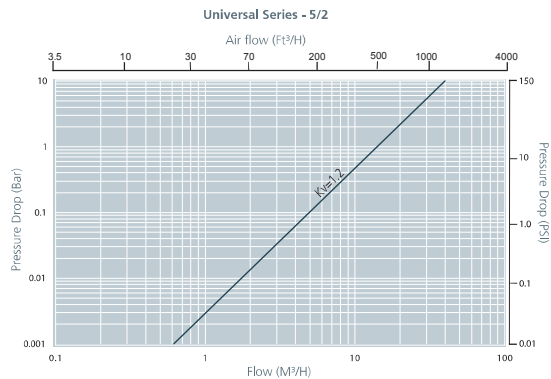
## Options Available

Exd & Exm Solenoid Enclosure		
Protection Class	See separate datasheet	
EExd T6 (IP67)		
EExd T4 (IP67)		
Exm		
Exia		
Seal Material <sup>1</sup> and Media Temp. Range	Ambient Temperature Range °C	
	Min	Max
NBR (-10 °C to +80 °C)	-10	50

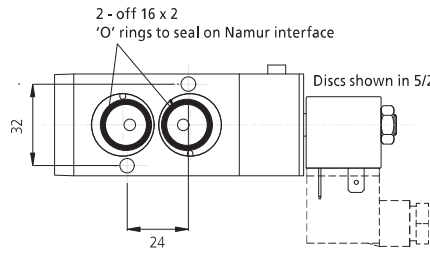
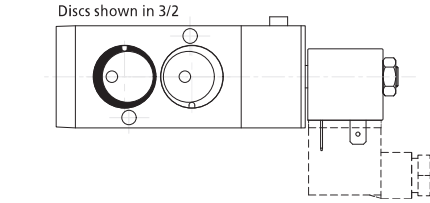
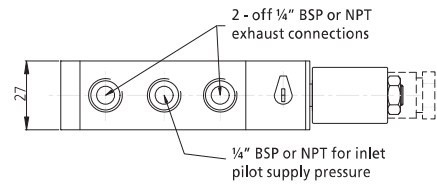
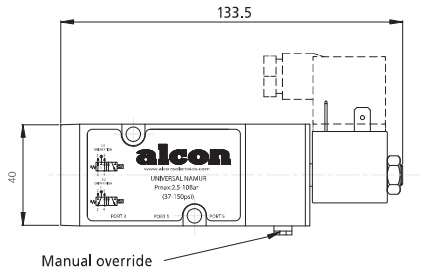
<sup>1</sup> See corrosion reference guide and sealing solutions for material compatibility.

## How to use the flow chart

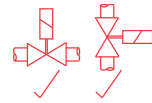
1. Select the required flow.
2. Note the corresponding pressure drop.
3. Based on where the two points intersect select the most appropriate model.



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Preferred Valve Mounting Options



Dimensions given in mm

## Solenoid enclosures



### S7 enclosure protection class IP65

- External material: Nylon
- Electrical connection: DIN Plug to ISO 4400
- Winding insulation: Class F
- Conforms to IP65 when correct plug seal gasket is fitted

## Coding chart

### Main Valve Assembly

Model	Valve Body Conn. Size	Connection Type	Operation
65 Namur	B 1/4"	3 NPT	2 MANUAL OVERRIDE

Body Material	Seals	Style
3 Aluminium	A NBR	1 Standard

### Coil options

Enclosure	Voltage / Frequency		Electrical Connection
1 Weather Proof IP65	R5	230 V / 50 Hz	1 Din Plug 9 mm
	QY	110 V / 50 Hz 120 V / 60 Hz	
	R1	24 VDC	

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### Product coding example:

65B3Z23A1-1R51 - Namur Series  
1/4" NPT, manual override, aluminium, NBR seals, 230 V / 50 Hz DIN Plug 9 mm.