

Electrically actuated 3-way ball valve VE3V - INOX



- 3 ways T or L ball
- Stainless steel body
- Thread socket ends 1/4" to 2"
- Electric actuator with position index and emergency manual override
- 2 types multi-volt power supply

APPLICATIONS

Electrically actuated 3-way ball valves are useful for redirecting or to stop the flow of fluids in plants. These models are designed for aggressive liquids. Assistance with manual operating for maintenance or emergency operations (*actuator power supply is switched off before a manual operating*).

TECHNICAL FEATURES

Valve materials

Body: Stainless steel 316
 Seals: FPM
 Ball: Stainless steel 316
 Ball seating joints: PTFE
 Process connections: BSP Thread
 Pressure / temperature: 16 bar / 55°C
 >16 bar (maxi 63 bar) / upon request

90° electric actuator

Operation: 10 s approx. for rotating 90°
 Emergency operation: Manual operating
 Duty rating: 30%
 Protection: IP65
 Wiring: 1 cable gland ISO M20
 DIN 43650 plug; 3 wire + earth
 Power: 15 W
 Main power input: 90...240 V AC 50/60 Hz and 90...350 V DC
 24 V AC 50/60 Hz and 24 V DC

OPTIONS: *Upon request*

CODE NUMBERS AND REFERENCES

G	ND	24 V AC and 24 V DC		90...240 V AC and 90...350 V DC	
		Ball L	Ball T	Ball L	Ball T
1/4"	10	M 1014 101	M 1014 121	M 1014 141	M 1014 161
3/8"	12	M 1014 102	M 1014 122	M 1014 142	M 1014 162
1/2"	15	M 1014 103	M 1014 123	M 1014 143	M 1014 163
3/4"	20	M 1014 104	M 1014 124	M 1014 144	M 1014 164
1"	25	M 1014 105	M 1014 125	M 1014 145	M 1014 165
1"1/4	32	M 1014 106	M 1014 126	M 1014 146	M 1014 166
1"1/2	40	M 1014 107	M 1014 127	M 1014 147	M 1014 167
2"	50	M 1014 108	M 1014 128	M 1014 148	M 1014 168

BAMO MESURES

22, Rue de la Voie des Bans - Z.I. de la Gare - 95100 ARGENTEUIL

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3-way ball valve
VE3V - INOX

12-11-2013

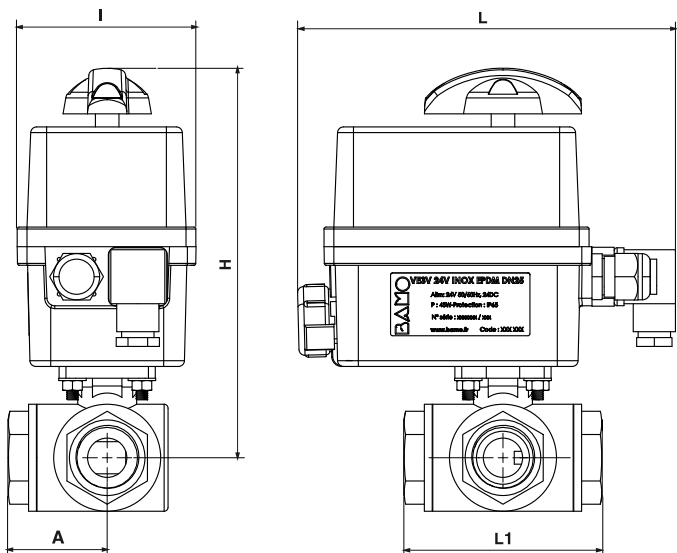
1014 I1 02 B

METAL

1014-02₁

1014

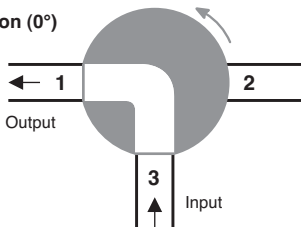
DIMENSIONS



G	ND	A	L1	I	L	H
1/4"	10	40	80	92	193	181
3/8"	12	40	80	92	193	181
1/2"	15	40	80	92	193	183
3/4"	20	44	88	92	193	191
1"	25	50	100	92	193	196
1"1/4	32	61	123	128	208	205
1"1/2	40	71	149	128	208	247
2"	50	85	171	128	208	258

OPERATING FEATURES

Start position (0°)



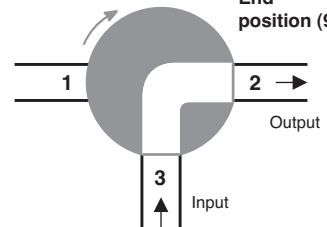
3 ways valves L shape

"L1" fonction: distribution

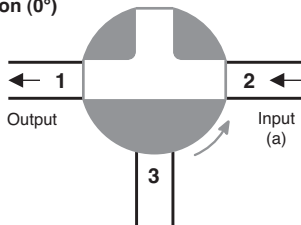
1 input, 2 output

90° Rotation
(clockwise or anticlockwise)

End position (90°)



Start position (0°)



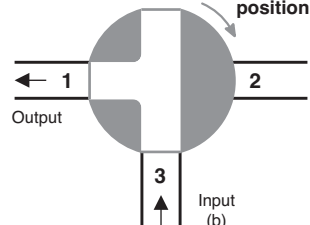
3 ways valves T shape

"T1" fonction: Mixing

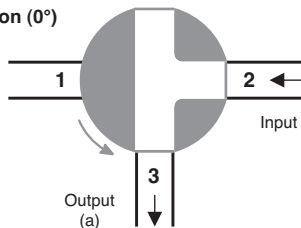
2 input, 1 output

90° Rotation
(clockwise or anticlockwise)

End position (90°)



Start position (0°)



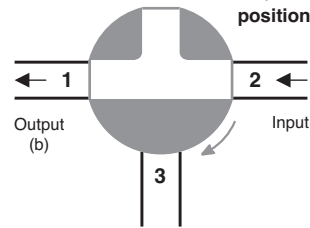
3 ways valves T shape

"T2" fonction: switching

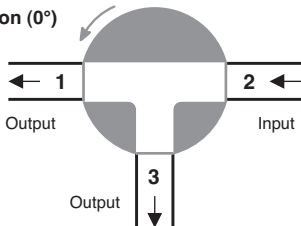
1 input, 2 output

90° Rotation
(clockwise or anticlockwise)

End position (90°)



Start position (0°)



3 ways valves T shape

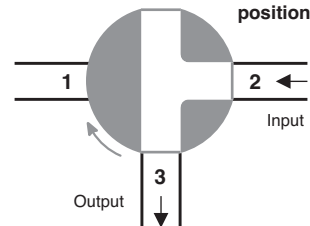
"T3" fonction: switching

Mode 1: 1 input, 2 output

Mode 2: 1 input, 1 output

90° Rotation
(clockwise or anticlockwise)

End position (90°)



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