

Pneumatically actuated 3-way ball valves, single / double acting VP3V - INOX



- 3 ways T or L ball
- Stainless steel body
- Thread socket ends 1/4" to 2"
- Pneumatic actuator:
Single or double acting, Position index
- Status NC or NO
- Standard compatibility:
NAMUR VDI/VDE 3845 and ISO 5211

OPTIONS:

- Limit switch box, pilot valve

APPLICATIONS

Pneumatically 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. The options permit automatic operations.

TECHNICAL FEATURES

Valve materials

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

Pneumatic actuator	Single (NO or NC) or double acting
Control pressure:	6 bar as a maximum
Connections:	1/4" G

OPTIONS:	- Limit switch box
	- Pilot valve: 3/2-way solenoid valve (single effect)
	- Pilot valve: 5/2-way solenoid valve (double effect)

CODE NUMBERS AND REFERENCES

G	ND	Single acting		Double acting	
		Ball L	Ball T	Ball L	Ball T
1/4"	10	M 1013 101	M 1013 121	M 1013 141	M 1013 161
3/8"	12	M 1013 102	M 1013 122	M 1013 142	M 1013 162
1/2"	15	M 1013 103	M 1013 123	M 1013 143	M 1013 163
3/4"	20	M 1013 104	M 1013 124	M 1013 144	M 1013 164
1"	25	M 1013 105	M 1013 135	M 1013 145	M 1013 165
1"1/4	32	M 1013 106	M 1013 126	M 1013 146	M 1013 166
1"1/2	40	M 1013 107	M 1013 127	M 1013 147	M 1013 167
2"	50	M 1013 108	M 1013 128	M 1013 148	M 1013 168

BAMO MESURES

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

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Pneumatically actuated 3-way ball
valves, single / double acting

VP3V - INOX

12-11-2013

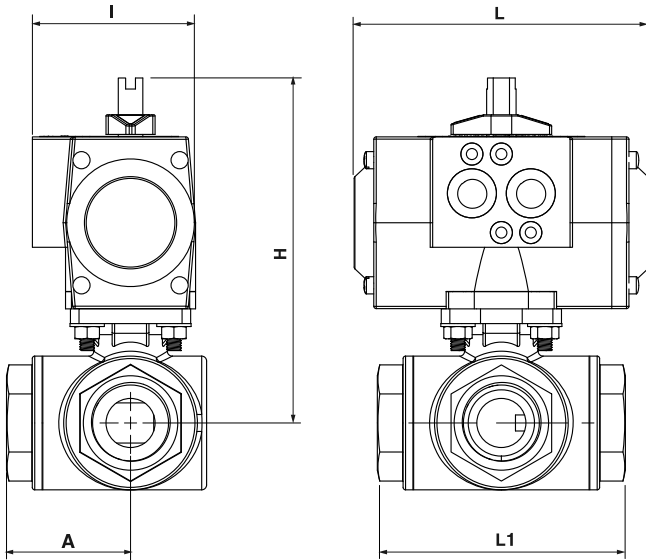
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1013-02/1

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DIMENSIONS



Single acting

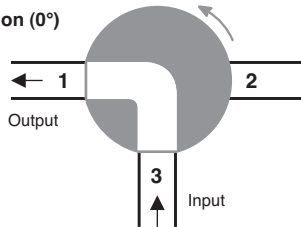
G	ND	A	L1	I	L	H
1/4"	10	40	80	67	119	127
3/8"	12	40	80	67	119	127
1/2"	15	40	80	86	160	147
3/4"	20	44	88	86	160	152
1"	25	50	100	101	175	180
1"1/4	32	61	123	96	239	195
1"1/2	40	71	149	113	230	219
2"	50	85	171	138	246	262

Double acting

G	ND	A	L1	I	L	H
1/4"	10	40	80	67	119	127
3/8"	12	40	80	67	119	127
1/2"	15	40	80	67	119	127
3/4"	20	44	88	67	119	132
1"	25	50	100	86	160	158
1"1/4	32	61	123	86	160	163
1"1/2	40	71	149	101	175	190
2"	50	85	171	96	239	209

OPERATING FEATURES

Start position (0°)



3 ways valves L shape

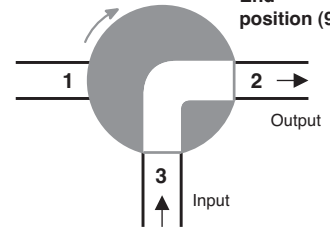
"L1" fonction: distribution

1 input, 2 output

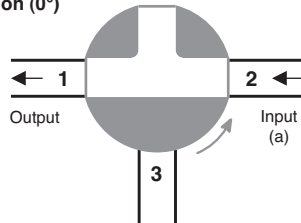
90° Rotation

(clockwise or anticlockwise)

End position (90°)



Start position (0°)



3 ways valves T shape

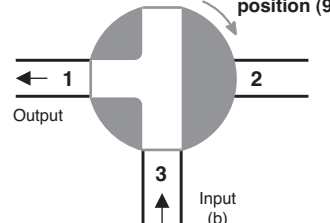
"T1" fonction: Mixing

2 input, 1 output

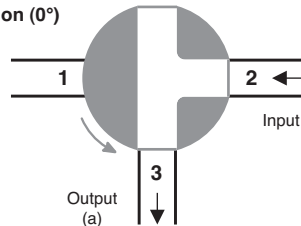
90° Rotation

(clockwise or anticlockwise)

End position (90°)



Start position (0°)



3 ways valves T shape

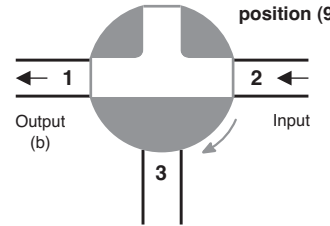
"T2" fonction: switching

1 input, 2 output

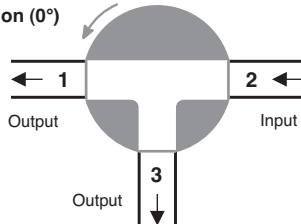
90° Rotation

(clockwise or anticlockwise)

End position (90°)



Start position (0°)



3 ways valves T shape

"T3" fonction: switching

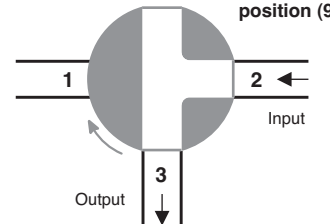
Mode 1: 1 input, 2 output

Mode 2: 1 input, 1 output

90° Rotation

(clockwise or anticlockwise)

End position (90°)



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