

Pneumatically actuated 3-way ball valves, single / double acting VP3V S4-PPH



- ND 10 to ND 50
 - In-line pattern
 - Pneumatic actuator
- Single or double acting, Position index**

APPLICATIONS

Pneumatically actuated 3-way ball valves are useful for redirecting or to stop the flow of fluids in plants. These models in plastics are designed for aggressive liquids. The options permit automatic operations.

TECHNICAL FEATURES

Valve materials

Body: PPH
 Seals: EPDM or FPM
 Ball: PPH
 Ball seating joints: PTFE
 Ball shapes: L shape or T shape
 Process connections: Unions (*solvent sockets*)
 Pressure: 10 bar as a maximum up to 20°C, *see the diagram P vs. T*

Pneumatic actuator Single or Double acting
 Control pressure: 6 bar as a minimum, 8 bar as a maximum
 Connections: 1/4" G

According to: NAMUR VDI/VDE 3845 and ISO 5211

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

Single effect					
d	ND	L shape / EPDM seal	L shape / FPM seal	T shape / EPDM seal	T shape / FPM seal
16	10	913 361	913 368	913 403	913 410
20	15	913 362	913 369	913 404	913 411
25	20	913 363	913 370	913 405	913 412
32	25	913 364	913 371	913 406	913 413
40	32	913 365	913 372	913 407	913 414
50	40	913 366	913 373	913 408	913 415
63	50	913 367	913 374	913 409	913 416
Double effect					
16	10	913 389	913 396	913 431	913 438
20	15	913 390	913 397	913 432	913 439
25	20	913 391	913 398	913 433	913 440
32	25	913 392	913 399	913 434	913 441
40	32	913 393	913 400	913 435	913 442
50	40	913 394	913 401	913 436	913 443
63	50	913 395	913 402	913 437	913 444

BAMO MESURES

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VP3V S4-PPH**

14-03-2014

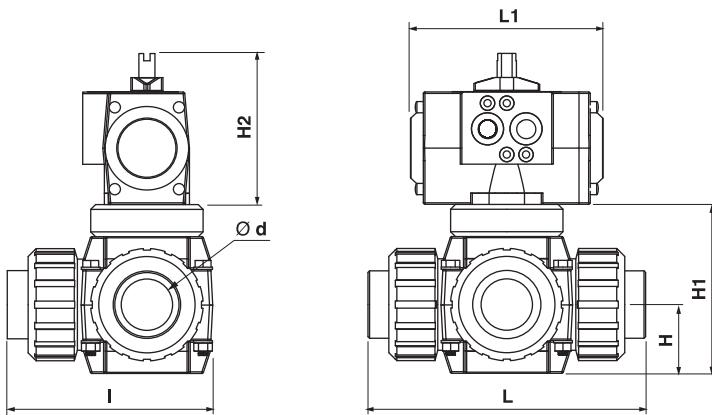
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DIMENSIONS



Double effect

ND	10	15	20	25	32	40	50
d	16	20	25	32	40	50	63
H	33	33	40	43	51	56	64
H1	86	86	100	106	130	155	168
H2	91	91	91	91	91	112	112
L	138	138	163	169	222	231	264
L1	119	119	119	119	119	160	160
I	95	95	116	119	161	166	192

Single effect

ND	10	15	20	25	32	40	50
d	16	20	25	32	40	50	63
H	33	33	40	43	51	56	64
H1	86	86	100	106	130	155	168
H2	91	91	112	112	112	112	132.5
L	138	138	163	169	222	231	264
L1	119	119	160	160	119	160	175
I	95	95	116	119	161	166	192

OPERATING FEATURES

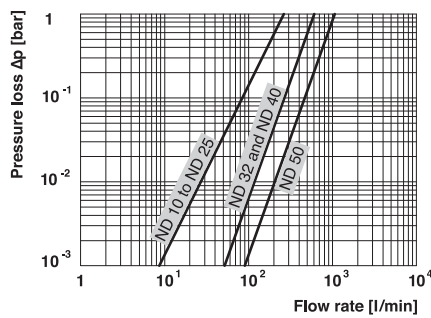
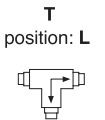
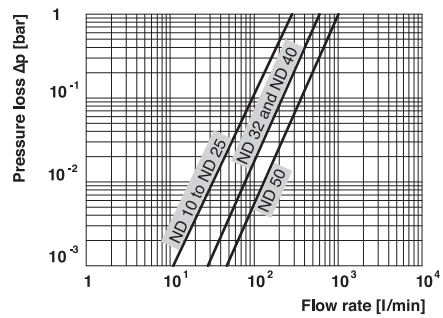
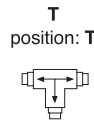
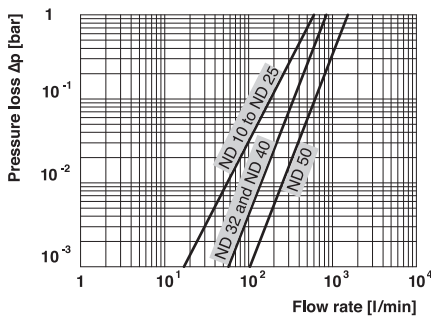
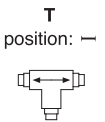
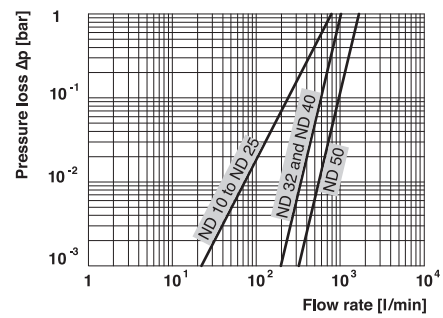
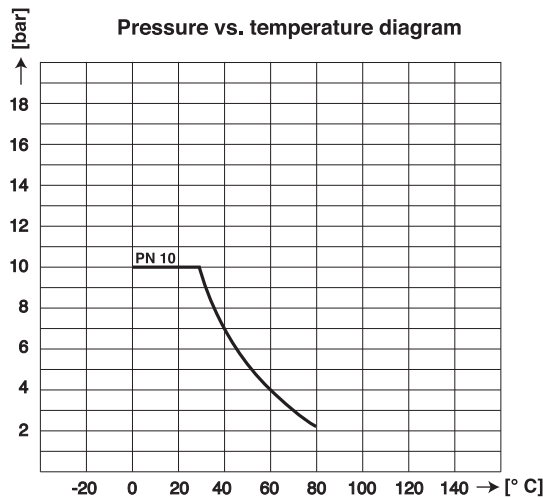


Diagram pressure loss vs flow rate
[water at 20°C]



Pressure vs. temperature diagram



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