

# Pneumatic 3-way ball valves, single or double acting VP3V S4-PVDF



- PVDF Valves from ND 10 up to ND 50
- Pneumatic actuator  
Single or double acting
- Position pointer
- Options:  
Limit switches box; Pilot valves

## DESCRIPTION

Pneumatically actuated 3-way ball valves, bored in L or T, controlled by single or double acting pneumatic actuator, allow many possibilities of controlling the direction of the fluid(s) in a piping system. These valves are suitable for applications even with aggressive liquids. Their different operating modes (bore L, T1, T2 or T3) are described in the documentation 913.20

## TECHNICAL FEATURES

### 3-way ball valve:

Body	PVDF
Seals	FPM
Ball	PVDF
Ball seat	PTFE
Fittings	Unions, socket ends for fusion welding
Pressure limit	10 bar at 20 °C

### Pneumatic actuator

Models	Single acting (or N.O., or N.C.), or double acting
Operating pressure	Min. 6 bar; Max. 8 bar
Fittings	BSP-F 1/4"

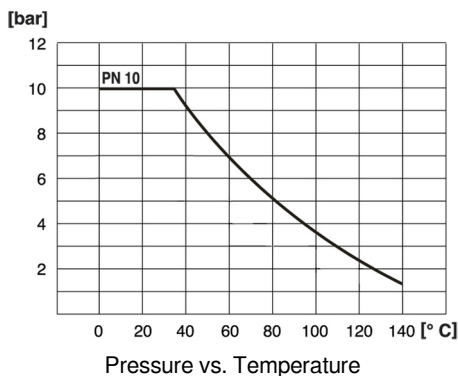
In conformity with directive NAMUR VDI / VDE 3845 and ISO 5211

### Accessories:

(see data-sheet 913.10)

- Limit switches box
- 3/2-way pilot valve (For single acting versions)
- 5/2-way pilot valve (For double acting version)
- Exhaust silencer, Brass, BSP 1/4"

**EC Conformity:** The instrument meets the legal requirements of the current European Directives



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single or double acting  
**VP3V S4-PVDF**

01-07-2020

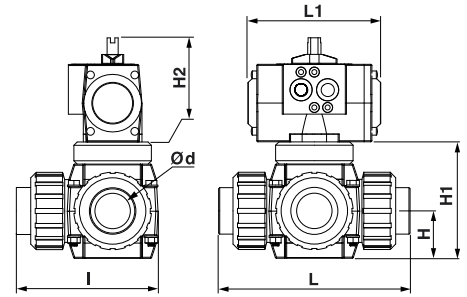
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## CODE NUMBERS AND REFERENCES

ND	d	Single acting		Double acting	
		Ball, L shape	Ball, T shape	Ball, L shape	Ball, T shape
10	16	913 631	913 652	913 645	913 666
15	20	913 632	913 653	913 646	913 667
20	25	913 633	913 654	913 647	913 668
25	32	913 634	913 655	913 648	913 669
32	40	913 635	913 656	913 649	913 670
40	50	913 636	913 657	913 650	913 671
50	63	913 637	913 658	913 651	913 672

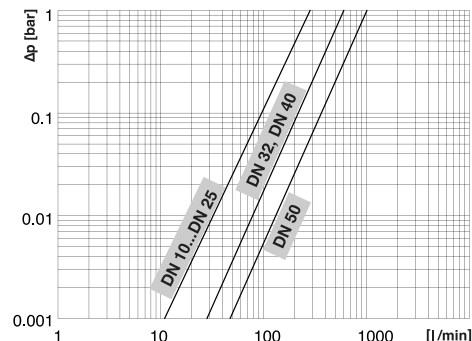
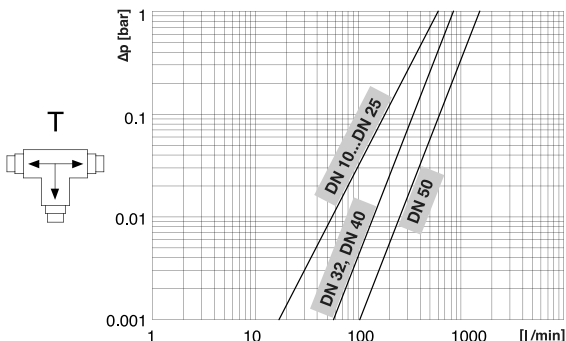
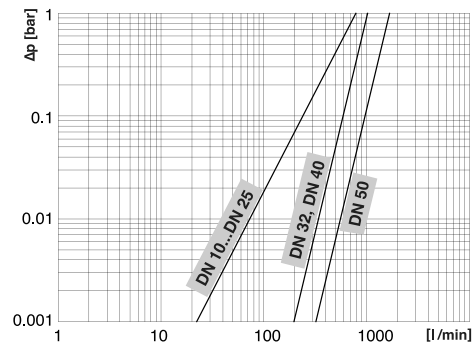
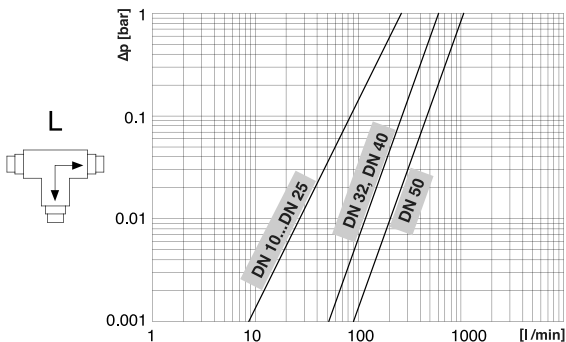


## DIMENSIONS [mm]

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

## PHYSICAL FEATURES

Pressure drop vs. flow ( Water at 20 °C )



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