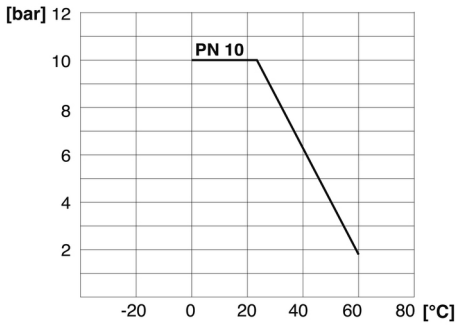
Pneumatic 3-way ball valves single or double acting
VP3V S4-PVC

- **PVC Valves from ND 10 up to ND 50**
- **Pneumatic actuator**
  - **Single or double acting**
- **Position pointer**
- **Options:**
  - **Limit switches box**
  - **Pilot valve**

DESCRIPTION

These 3-way ball valves, L or T bored, with pneumatic actuator, or single or double acting, are useful for redirecting or to stop the flow of liquids in piping systems. These valves are suitable for applications with aggressive liquids. Their different modes of operation are described in document 913-20.

TECHNICAL FEATURES



Pressure vs. Temperature

3-way ball valve :

Body	PVC
Seals	EPDM or FPM
Ball	PVC, T or L bored
Ball seat	PTFE
Fittings	Unions , socked-ends for solvent welding
Pressure/Temperature	Refer to the pressure/temperature diagram

Pneumatic actuator:

Models	Single acting N.O., or single acting N.C., or double acting
Operating pressure	Min.: 6 bar; Max. 8 bar
Fittings	BSP ¼" female
Valve assembly	ISO 5211
Assembly of accessories	NAMUR VDI/VDE 3845

Material:	
Housing	Technopolymer (black)
Gear	Nickel-plated carbon steel
Fasteners	Epoxy-coated cast aluminum
Pistons	AISI 304 stainless steel
Sealing gaskets	BUNA-N

Accessories:

(See data-sheet da913-10)

- Limit switches box
- 3/2-way pilot valves for single acting versions
- 5/2-way pilot valves for double-acting version
- Silencer, damper, brass versions

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

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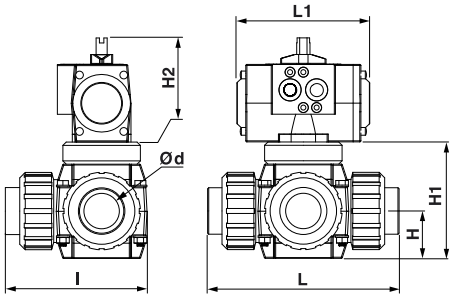
CODE NUMBERS AND REFERENCES

		Single acting				Double acting			
		Ball L bored		Ball T bored		Ball L bored		Ball T bored	
ND	**d**	EPDM seals	FPM seals	EPDM seals	FPM seals	EPDM seals	FPM seals	EPDM seals	FPM seals
10	16	913 061	913 068	913 103	913 110	913 089	913 096	913 131	913 138
15	20	913 062	913 069	913 104	913 111	913 090	913 097	913 132	913 139
20	25	913 063	913 070	913 105	913 112	913 091	913 098	913 133	913 140
25	32	913 064	913 071	913 106	913 113	913 092	913 099	913 134	913 141
32	40	913 065	913 072	913 107	913 114	913 093	913 100	913 135	913 142
40	50	913 066	913 073	913 108	913 115	913 094	913 101	913 136	913 143
50	63	913 067	913 074	913 109	913 116	913 095	913 102	913 137	913 144

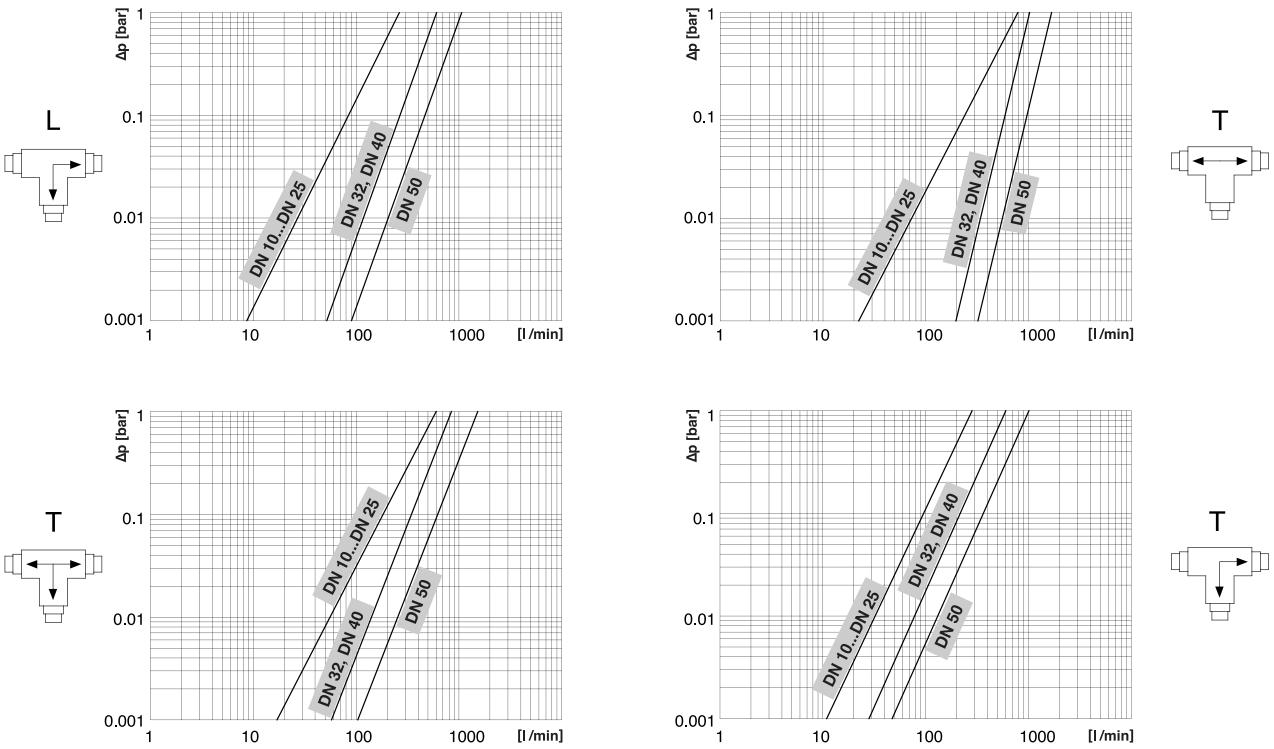
DIMENSIONS [mm]

		Single acting						Double acting					
ND	**d**	**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		163		116
25	32	43	106		169		119	43	106		169		119
32	40	51	130		222	119	161	51	130		222		161
40	50	56	155		231	160	166	56	155	112	231	160	166
50	63	64	168	132.5	264	175	192	64	168		264		192



PHYSICAL FEATURES

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



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PLAS

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