

PVC Wafer type valves

To order: Choose body size, flow rate and control rubber.

Specifications – standard valve bodies

Designed for mounting between ISO 7005 PN10 pipe flanges.



Valve Body Sizes	Flow Rate Availability See all Available Flow Rates below*				Sizes continued	Flow Rate Availability See all Available Flow Rates below*			
DN25	0.4	0.45	0.5.....	114 L/min	DN100	15	16	18	1279 L/min
DN32	15	16	18.....	114 L/min	DN125	114	125	138	1631 L/min
DN40	15	16	18.....	233 L/min	DN150	15	16	18.....	2320 L/min
DN50	0.4	0.45	0.5.....	342 L/min	DN200	114	125	138.....	4427 L/min
DN65	15	16	18.....	456 L/min	DN250	114	125	138.....	6058 L/min
DN80	15	16	18	699 L/min	DN300	114	125	138	8854 L/min

For other body sizes and flow rates, please ask.

Dimensions (mm) & Weights (kg) (standard is according to ISO 7005 PN10)												
Nominal size	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Diameter	73	84	94	109	129	144	164	193	220	275	330	380
Thickness	24	24	24	24	24	24	39	38	39	49	80	100
Approx kg	0.12	0.13	0.15	0.23	0.24	0.37	0.93	1.2	1.0	2.7	9.0	13.0

Flow rates and other specifications

Performance Unless otherwise specified, standard Nitrile "Precision" type control rubbers are fitted giving the valve the following **standard performance**; (If the standard Precision control rubber is unsuitable for your application, refer to the full range of control rubber types on p.24).

Pressure Differential Range: 1.4 – 10 bar

Flow Rate Accuracy: +/- 10%

*Available Flow Rates L/min:											
0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.63	0.7	0.8
0.9	1	1.1	1.2	1.3	1.5	1.6	1.8	2	2.3	2.5	2.8
3.2	3.5	4	4.5	5	5.5	6.3	7	8	9		
10	11	12	13	15	16	18	20	23			
25	28	32	36	41	45	49	54	59			
66	73	82	91	102	114						
125	138	150	162	180	199	216	233			► up to 8854 L/min	

Materials	Valve Body Sealing O'Rings	UPVC, compliant with drinking water requirements. Nitrile, potable water approved or EPDM or Viton if applicable.
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Flange Specification	Wafers are normally used to accommodate larger flow rates. Wafers are designed to be mounted between pipe flanges. Please specify DN and pressure class PN when ordering. As standard wafers are manufactured according to ISO 7005 PN10. Other standards such as ANSI are optional.
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Max Pressure Differential	10 bar or limited by Control Rubber type
Max Hydrostatic Pressure	30 bar
Max Temperature	50 °C
Compatible Control Rubbers	P, LP, E, V (consult page 24)



Consult page 27 for specifying article code.