Brass 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*		
DN25	0.4	0.45	0.5.....114 L/min
DN32	15	16	18 .....114 L/min
DN40	15	16	18 .....233 L/min
DN50	15	16	18 .....342 L/min
DN65	15	16	18 .....456 L/min
DN80	114	125	138.....699 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
Diameter	73	84	94	109	129	144
Thickness	22.0	22.0	22.0	22.0	22	22
Weight	0.6	0.8	0.9	1.3	1.8	2.2

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 699 L/min	

Materials	Valve *Body*	"DR" Brass to AS1562 alloy 352 or CW614N (See p.46 for more information regarding REACH & RoHS), compliant with drinking water requirements.
	Sealing O'Rings	Nitrile, potable water approved or EPDM or Viton if applicable.
Flange Specification		Wafers are normally used to accomodate 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.
Max Pressure Differential		15 bar or limited by Control Rubber type
Max Hydrostatic Pressure		60 bar
Max Temperature		60 °C for Nitrile control rubbers, 100 °C for EPDM
Compatible Control Rubbers		P, LP, HP1, E, V (consult page 24)

Consult page 27 for specifying article code.

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