

Gunmetal Wafer type valves

Specifications – Valve bodies



Designed for mounting between pipe flanges

Valve Body Sizes	Flow Rate ranges Availability	Sizes continued...	Flow Rate ranges Availability
DN20	from 0.15 to 114 L/min	DN80	from 0.15 to 699 L/min
DN25	from 0.15 to 233 L/min	DN100	from 0.15 to 1279 L/min
DN32	from 0.15 to 233 L/min	DN150	from 0.15 to 2320 L/min
DN40	from 0.15 to 233 L/min	DN200	from 125 to 4427 L/min
DN50	from 0.15 to 342 L/min	DN250	from 25 to 6058 L/min
DN65	from 0.15 to 456 L/min	DN300	from 125 to 8854 L/min

Dimensions (mm) & Weights (kg) (standard is according to ISO 7005 PN10)

Nominal size	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN150	DN200	DN250	DN300
Diameter	63	73	84	94	109	129	144	164	220	275	330	380
Thickness	22	22	22	22	22	22	22	24	28	35	40	50
Weight	0.45	0.5	0.8	0.9	1.2	1.3	1.9	3.1	7	13	25	45

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	IG2 or IG4 to BS1400 Nitrile, potable water approved or EPDM or Viton if applicable
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. 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, EP, K, V, (consult page 24)	



To order Gunmetal wafer valves Choose body size, flow rate and control rubber.