

Double Eccentric Butterfly Valve PN16 Fig. VA210

Specification

- ✓ Double eccentric design reduces seat wear and operating torque
- ✓ Heavy-duty ductile iron construction for high mechanical strength
- ✓ Stainless steel stem for enhanced corrosion resistance
- ✓ Reliable resilient sealing for tight shut-off
- ✓ Gear operation provides smooth and controlled valve operation
- ✓ ISO 5211 mounting interface allows easy actuator installation
- ✓ Fusion bonded epoxy coating provides corrosion protection
- ✓ Suitable for water distribution and HVAC applications
- ✓ Designed for reliable operation and long service life

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN-GJS-450-10
2	Upper Stem	Stainless Steel 420	EN 10088 – X20Cr13 (1.4021)
3	Disc	Ductile Iron	EN-GJS-450-10
4	Pin	Stainless Steel 431	EN 10088 – X17CrNi16-2 (1.4057)
5	Lower Stem	Stainless Steel 420	EN 10088 – X20Cr13 (1.4021)
6	Bush	Stainless Steel + PTFE	
7	O Ring	NBR	
8	Clamping Ring	Stainless Steel 304	EN 10088 – X5CrNi18-10 (1.4301)
9	Seal Ring	NR	
10	Gearbox	Ductile Iron	EN 10083 C45
11	Packing	NBR	

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 120°C
- WRAS Approved to - 10°C to 85°C

HYDROSTATIC TEST PRESSURE

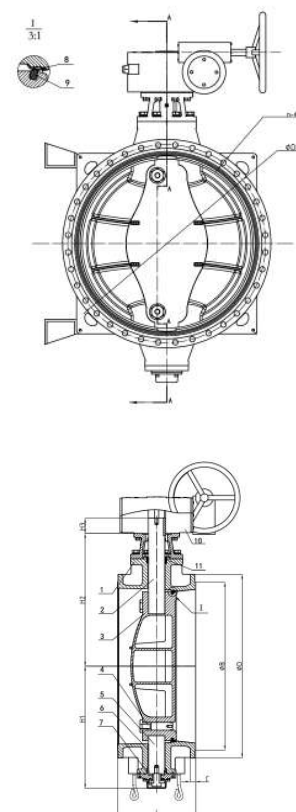
- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar

Main Dimensions (mm)

Size	DN700	DN800	DN900	DN1000	DN1200	DN1400	DN1600	DN1800	DN2000
H1	612	669	702	816.5	972	1115	1215	1402	1580.5
H2	625	680	715	840.5	1005	1210	1295	1470	1650
H3	82	92	107	143	131	140	241	218	221
L	430	470	510	550	630	710	790	870	950
PN10	C	32.5	35	37.5	40	45	46	52	55
	ΦD	895	1015	1115	1230	1455	1675	1915	2325
	ΦD1	840	950	1050	1160	1380	1590	1820	2230
	ΦB	794	901	1001	1112	1328	1530	1750	2150
	n-ΦN	24-Φ31	24-Φ34	28-Φ34	28-Φ37	32-Φ40	36-Φ43	40-Φ49	48-Φ49
PN16	C	39.5	43	46.5	50	57	60	65	75
	ΦD	910	1025	1125	1255	1485	1685	1930	2345
	ΦD1	840	950	1050	1170	1390	1590	1820	2230
	ΦB	794	901	1001	1112	1328	1530	1750	2150
	n-ΦN	24-Φ37	24-Φ40	28-Φ40	28-Φ43	32-Φ49	36-Φ49	40-Φ58	48-Φ62

Corrosion Protection

Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance



Notes

Specifications, materials and dimensions shown are subject to change without prior notice

