

Features

- Flange and drilling to EN1092-2, face to face as per ISO5752 series 14 & ISO5752 series 13.
- Streamlined low profile disc ensures the lower flow resistance.
- Stainless steel welded and finished body seat ensures Reliable and durable performance.
- Disc to shaft connection by means of key, or taper pin.
- Self lubricating bearing of Al-bronze material, free from maintenance.
- Low torque gearbox can be easily operated by hand wheel or connect with actuator.
- ISO 5211 top flange connect with gearbox or actuator.
- Multiple shaft O rings provide long life and reliable sealing performance, which is easy to be adjusted or replaced.
- T profiled disc seal ring fixed by retainer ensures the reliable sealing performance in both direction, which is also easy to be adjusted or replaced without any special tools



Construction

Body	GJS500-7/ GJS400-15
Disc	GJS500-7/ GJS400-15
Shaft	SS420/SS431/Duplex 1.4462
Body seal ring	SS304
Disc seal ring	EPDM
Shaft bearing	Al-bronze
Retainer ring	Carbon steel +epoxy/ SS304
O ring	EPDM
Pin	SS420
Packing gland	Carbon steel +epoxy
End cover	Carbon steel +epoxy
Key	SS420
Connection flange	Carbon steel +epoxy

Description

They are generally used in water, drinking water and wastewater projects. Epoxy coated body material is ductile iron. The sealing of the valve is provided by a T-profile elastomeric ring secured by a pressure ring on the flap. The biaxial design reduces wear on the sealing ring and reduces torque. The sealing ring can be replaced without the need for special tools in the field and without the need to remove the clapper.

Design standard: BS EN593

Face to face length: EN558-1/ISO5752 series 14& ISO5752 series 13

Flange dimension and drill BS EN1092/BS4504 (DIN2501)

Size: DN100 – DN4000/ 4"-160«

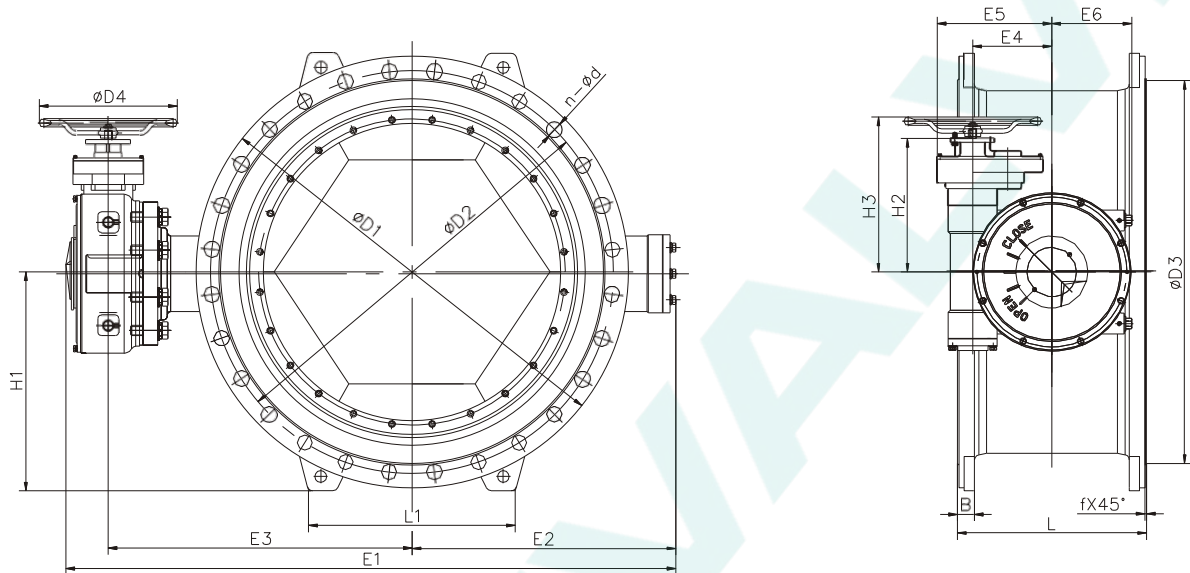
Pressure rating: PN6- PN10-PN16-PN25-PN40

Test Standard: EN 12266-1

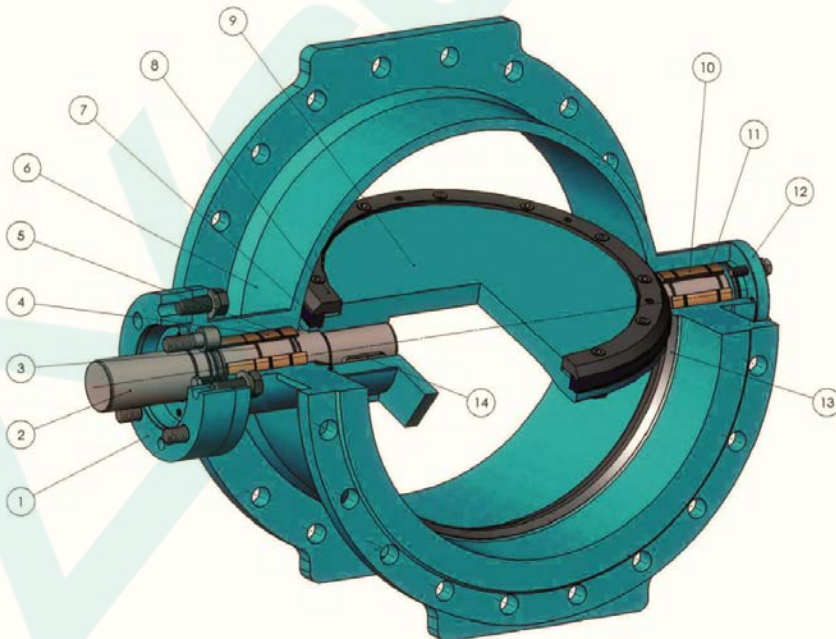
Applications

- Water Treatment Plant
- Heating & Air Conditioning
- Paper Industry
- Chemical Industry
- Gas Plant
- Sugar Industry
- Waste Effluent Treatment Plant
- Cooling Water Circulation

Dimensions:PN10



DN	$\varnothing D1$	$\varnothing D2$	$\varnothing D3$	n- $\varnothing d$	B	L	FX 45°	H	K	L1	L2	L3
DN300	$\varnothing 460$	$\varnothing 400$	$\varnothing 370$	12- $\varnothing 23$	24,5	270	4X 45°	480	300	321	314	190
DN350	$\varnothing 520$	$\varnothing 460$	$\varnothing 429$	16- $\varnothing 23$	26,5	290	4X 45°	530	350	408	400	240
DN400	$\varnothing 580$	$\varnothing 515$	$\varnothing 480$	16- $\varnothing 28$	28	310	4X 45°	590	400	414	389	340
DN450	$\varnothing 640$	$\varnothing 565$	$\varnothing 530$	20- $\varnothing 28$	30	330	4X 45°	650	450	469	444	356
DN500	$\varnothing 715$	$\varnothing 620$	$\varnothing 582$	20- $\varnothing 28$	31,5	350	4X 45°	725	500	521	487	395
DN600	$\varnothing 840$	$\varnothing 725$	$\varnothing 682$	20- $\varnothing 31$	36	390	5X 45°	850	600	572	537	471
DN700	$\varnothing 910$	$\varnothing 840$	$\varnothing 794$	24- $\varnothing 31$	39,5	430	5X 45°	920	700	635	595	546
DN800	$\varnothing 1025$	$\varnothing 950$	$\varnothing 901$	24- $\varnothing 34$	43	470	5X 45°	1035	800	711	680	610
DN900	$\varnothing 1125$	$\varnothing 1050$	$\varnothing 1001$	28- $\varnothing 34$	46,5	510	5X 45°	1135	880	963	898	657
DN1000	$\varnothing 1255$	$\varnothing 1160$	$\varnothing 1112$	28- $\varnothing 37$	50	550	5X 45°	1265	1000	945	890	752
DN1200	$\varnothing 1485$	$\varnothing 1380$	$\varnothing 1328$	32- $\varnothing 41$	57	630	5X 45°	1495	1200	968	920	926



Sr.no	Component
1	Top fange
2	Upper shaft
3	O ring
4	Shaft bearing
5	O ring
6	Body
7	Seat
8	Retainer ring
9	Disc
10	Shaft bearing
11	O ring
12	Shaft cover
13	Body seal ring
14	Key