

Product Description

TVN V107 U-Type Double Flanged Butterfly Valves with concentric shaft in order to regulate and stop the flow in supply networks, water distribution and pumping stations. Suitable for controlling and closing flow with the medium water.



Technical Data	
Size range	DN50 - DN600
Pressure range	PN 10-16
Temperature	-10°C to +130 °C
Face to face	EN 558 Series 20
Flange drilling	EN 1092-2 / ISO 7005-2
Coating	Industrial Powder Epoxy
Testing	EN 12266-1
Marking	EN 19
Operation	Handlever
	Manual Gearbox
	Electrical Actuators

Application Range

- Potable water applications
- Wastewater & sewage systems
- HVAC
- Water treatment and distribution systems
- Seawater applications
- Mining industry
- Fire extinguishing systems

Related Products

- VG202 Tilting Check Valve
- V251 Dismantling Joint
- V702 Y-Strainer
- V651 Rubber Expansion Joint
- V351 Flange Adaptor
- V401 Coupling



WASTE WATER



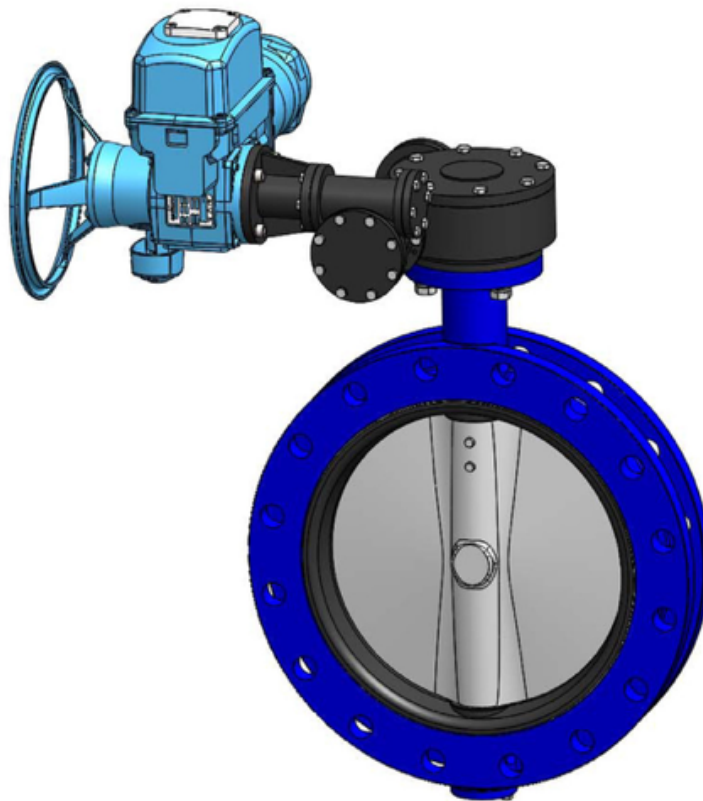
POTABLE WATER



HVAC

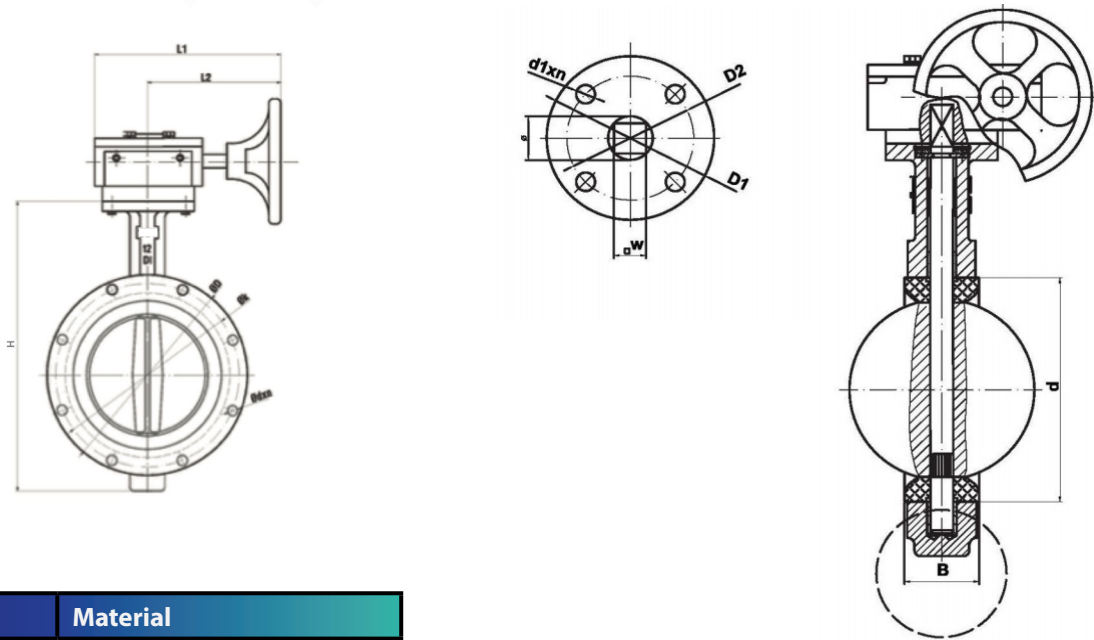
Product Features

- Valve body is completely covered inside with rubber preventing the fluid to be in contact with the valve body, avoiding corrosion.
- The disc is designed to produce a minimum of head loss and turbulence.
- Stem made of one piece, stainless steel, sealed by o-ring and not in contact with the fluid.
- Resistant to abrasion and corrosion
- Low pressure drop, resulting in energy savings and minimum maintenance.
- Only the disc and seat are in contact with the fluid.
- No joints are needed for mounting between flanges.
- The sealing seat is made of one piece and is available in EPDM or NBR.
- Hydrostatic test pressure for seat: PN x 1.1 , for shell: PN x 1.5 according to EN 12266-1.



* TVN V107 U-Type Butterfly Valve with on/off electrical actuator.

Dimensions Table



No	Part	Material
1	BODY	GGG40
2	LONG BUSHING	PTFE
3	STEM	AISI 416
4	GASKET	NBR/VITON/PTFE/EPDM/NR
5	DISC	ALU-BRONZE
6	SHORT BUSHING	PTFE
7	O RING	NBR
8	WASHER	GR.33
9	CIRCLIP	GR.33
10	GEAR BOXES	STEEL
11	BOLT	STEEL

DN	ØD	Øk	H	b	B	d	L1	L2	Ød1xn	D1	D2	W	Ø	Ød1xn	KG
50	165	125	220	14	46	76	208	155	19x4	90	70	11	12.6	10x4	10.5
65	185	145	242	14	49	89	208	155	19x4	90	70	11	12.6	10x4	12.5
80	200	160	246	14	49	104	208	155	19x8	90	70	11	12.6	10x4	13.5
100	220	180	279	14	55	135	208	155	19x8	90	70	11	15.8	10x4	14
125	250	210	307	16	59	159	208	155	19x8	90	70	14	18.9	10x4	16
150	285	240	339	18	59	188	208	155	23x8	90	70	14	18.9	10x4	19
200	340	295	390	20	64	238	313	237	23x12	125	102	17	22.1	12x4	30
250	405	355	448	22	72	292	313	237	28x12	125	102	22	28.5	12x4	41
300	460	410	532	22	81	344	307	225	28x12	125	102	22	31.6	12x4	61
350	520	470	709	24	81	375	307	225	28x16	150	125	22	31.6	14x4	93
400	580	525	709	24	90	440	358	254	31x16	175	140	27	xxx	18x4	169
450	640	585	750	30	109	491	358	254	31x20	175	140	27	42.9	18x4	208
500	715	650	841	32	135	535	358	254	34x20	175	140	36	45.7	18x4	215