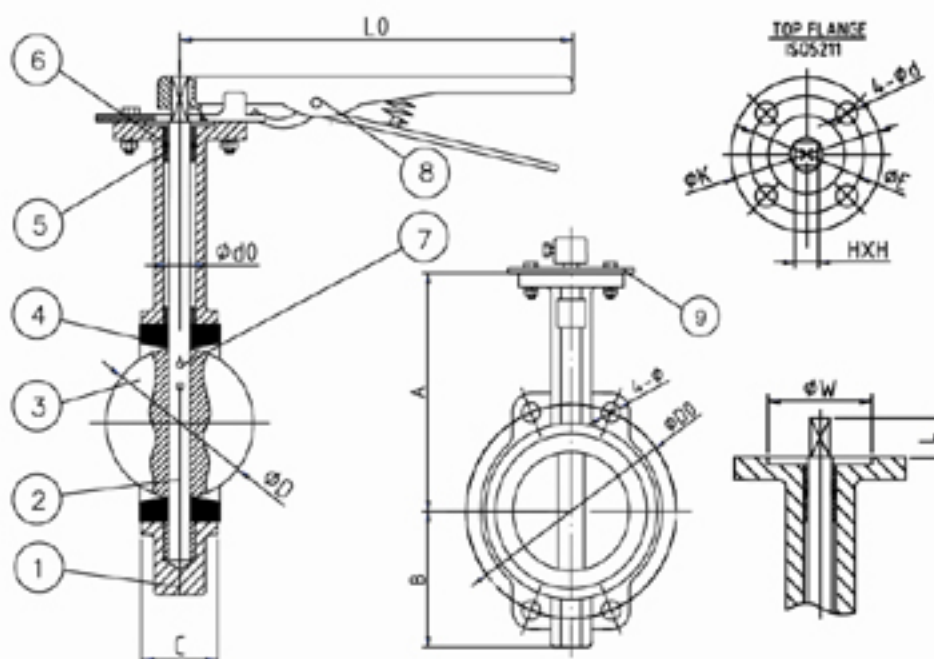




Model No. BTV-A

Design to BS5155

Face to face dimension to DIN3202 K1

Flange and drilling to EN1092-2 PN10/16 & ANSI CL125

Working pressure: maximum 1.6MPa

Tests: hydraulic test to DIN3230 part

Use: for potable water, sewage, neutral liquids to max. 85°C

Coating: fusion bonded epoxy coating minimum 250 microns

Operation: 2"-12" with lever, 14" and above with gear box or actuator

Components :

No.	Name	Material
1	Body	1. Cast Iron, BS EN1561 EN-GJL-200 2. Ductile Iron, BS EN1563 EN-GJS-500-7 3. Carbon Steel
2	Spindle	Stainless Steel, BS EN 10088-3
3	Disc	1. Cast Iron with Nickel Plated 2. Ductile Iron with Nickel Plated 3. Ductile Iron with Nylon Coated 4. Stainless Steel, SS304 5. Stainless Steel SS316
4	Seat	EPDM, NBR, or Viton
5	Stem Seal Bush	PTFE
6	O-ring	Rubber, EPDM
7	Pin	Stainless Steel, BS EN10088-3
8	Lever	1. Cast Iron, BS EN1561 EN-GJL-200 2. Aluminum
9	Mounting Plate	1. Carbon Steel with Zinc Plated 2. Stainless Steel 304

Dimensions (mm)

DN	A	B	C	ØD	ØDo	L	Ødo	ISO5211	ØK	ØE	Z-Ød
50	161	80	42	52.9	125	30	12.6	F07(F05)	90(70)	70(50)	4-Ø10(Ø7)
65	175	89	44.7	64.5	145	30	12.6	F07(F05)	90(70)	70(50)	4-Ø10(Ø7)
80	181	95	45.2	78.8	160	30	12.6	F07(F05)	90(70)	70(50)	4-Ø10(Ø7)
100	200	114	52	104	180	30	15.77	F07(F05)	90(70)	70(50)	4-Ø10(Ø7)
125	213	127	54.4	123.3	210	30	18.92	F07	90	70	4-Ø10
150	226	139	55.8	155.1	240	30	18.92	F07	90	70	4-Ø10
200	260	175	60.6	202.5	295	40	22.1	F10(F07)	125(90)	102(70)	4-Ø12(Ø10)
250	292	203	65.6	250.5	355	40	28.45	F10	125	102	4-Ø12
300	337	242	76.9	301.6	410	40	31.6	F10	125	102	4-Ø12
350	368	267	76.5	333.3	470	45	31.6	F10	140	102	4-Ø12
400	400	309	86.5	389.6	525	52	33.15	F14	197	140	4-Ø18
450	422	328	102	440.5	585	52	38	F14	197	140	4-Ø18
500	480	361	127	491.6	650	65	41.15	F14	197	140	4-Ø18
600	562	459	152	592.5	770	70	50.65	F16	276	165	4-Ø22
700	624	520	163	695	840	82	63.35	F25	300	254	8-Ø18
800	672	591	188	795	950	82	63.35	F25	300	254	8-Ø18
900	720	656	203	864.7	1050	118	75	F25	300	254	8-Ø18
1000	800	721	216	965	1170	142	85	F25	300	254	8-Ø18
1200	941	864	276	1160.6	1390	154	105	F30	350	298	8-Ø22