



BUTTERFLY VALVE RUBBER LINED WAFER TYPE (BUILT-IN TAMPER SWITCH) DUCTILE IRON / CARBON STEEL / STAINLESS STEEL

APPLICATION

Suitable for water, oil, air, gases and others non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Face to Face Dimension	BS EN 558-1 and API 609
Standard Compliance	Conform to BS EN593 and API 609
End Connection	Wafer type to suit DIN, BS, ANSI and JIS Flanges
Pressure Rating	16 Bar for DN 50 to DN 600
Temperature (Seat)	-10°C to 80°C NBR, -15°C to 120°C EPDM -10°C to 150°C Viton
Top Flange Dimensions	ISO 5211
Actuation	Gear Operated

MATERIALS

PARTS	FIG. 3W3-TS
1. Body	*Ductile Iron / Carbon Steel / Stainless Steel
2. Bushing	PTFE
3. Shaft	*Stainless Steel AISI 410 / AISI 304 / AISI 316
4. Seat	*NBR (Buna-N) / EPDM / Viton / PTFE (Teflon)
5. Disc	*Ductile Iron / Al. Bronze / Stainless Steel
6. Taper Pin	Stainless Steel
7. O-Ring	NBR (Buna N) Rubber
8. Key	Carbon Steel

*Note : Standard Material

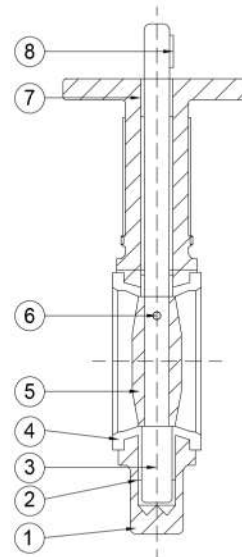


FIG 3W3-TS

FLOW COEFFICIENTS (Cv VALUE)

Opening Angle (Degree)	Size (mm)													
	50	65	80	100	125	150	200	250	300	350	400	450	500	600
10°	0.1	0.2	0.3	0.5	0.8	2	3	4	5	6	8	11	14	22
20°	5	8	12	17	29	45	89	151	234	338	464	615	791	1222
30°	12	20	22	36	61	95	188	320	485	715	983	1302	1674	2587
40°	24	37	39	78	133	205	408	694	1072	1549	2130	2822	3658	5605
50°	45	65	70	139	237	366	727	1237	1911	2761	3797	5028	6465	9989
60°	64	98	116	230	392	605	1202	2047	3162	4568	6282	8320	10698	16528
70°	90	144	183	364	620	958	1903	3240	5005	7230	9942	13168	16931	26157
80°	125	204	275	546	930	1437	2854	4859	7507	10844	14913	19752	25396	39236
90°	135	220	302	600	1022	1579	3136	5340	8250	11917	16388	21705	39236	43116

*The Cv Value is the water flow rate in USGPM at 68°F which passing through the valve cause a pressure drop of 1 PSI.