ISO 5211 DIN 3337 Direct Mounting Stem

Silicon Free

ST - wafer type
STL - Lug type

CE

Quality is designed into every Stonetown butterfly valves. The ST series features precision machined parts and utilizes a phenolic backed cartridge seat to ensure years of dependable operation.

Stonetown butterfly valves meet the rigorous requirements of industrial applications requiring positive shut off/zero leakage in the handling of liquids, gases, and slurries. Industries include HVAC, Food & Beverage, Chemical & petrochemical, Pulp & paper, Water purification, Power and Utilities etc..

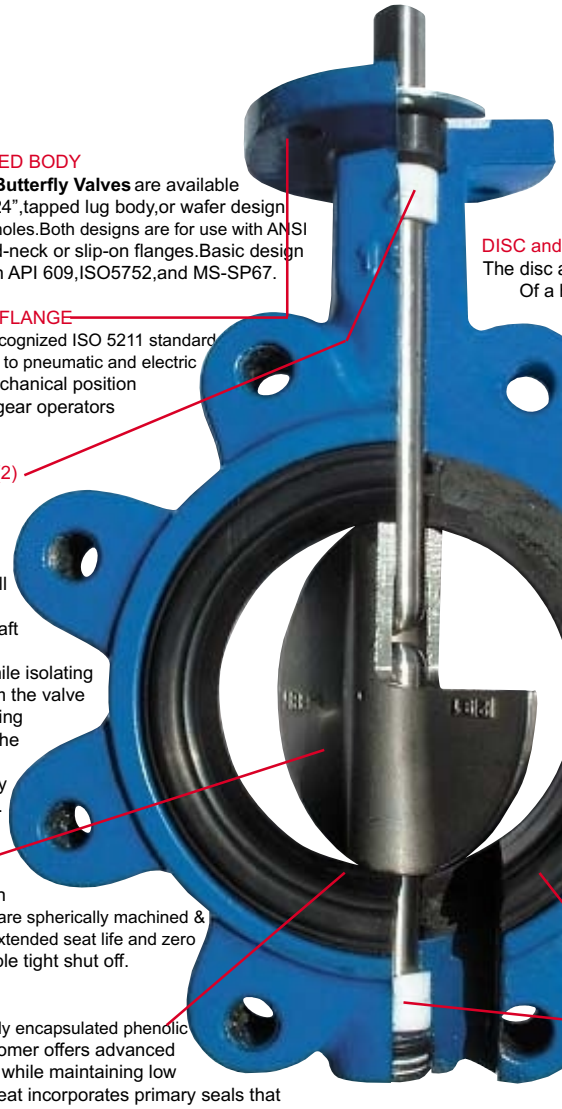
Body material: Cast iron

Seat: EPDM

Disc: SS316

Stem: SS410

Flange: universal JIS10K, ANSI#150, PN16



EPOXYCORED BODY
Stonetown Butterfly Valves are available in sizes 2"– 24",tapped lug body,or wafer design with locating holes.Both designs are for use with ANSI 125/150 weld-neck or slip-on flanges.Basic design complies with API 609,ISO5752,and MS-SP67.

MOUNTING FLANGE
Universally recognized ISO 5211 standard for adaptation to pneumatic and electric actuators,mechanical position transmitters,gear operators and handles.

BUSHINGS (2)
Teflon stem bushings reduce operating torque as well as provide maximum shaft support and alignment while isolating the stem from the valve body,preventing corrosion in the stem journal and ultimately stem seizure.

DISC
All Stonetown disc castings are spherically machined & polished for extended seat life and zero leakage/bubble tight shut off.

SEAT
The completely encapsulated phenolic backed elastomer offers advanced performance while maintaining low torque.The seat incorporates primary seals that mate with the hub portion of the disc.The upper and lower shaft journals incorporate a moulded double O-ring secondary seal.

DISC and SHAFT CONNECTION
The disc and shaft connection features all the benefits Of a high strength 2-piece design without the disadvantages associated with designs that utilize taper pins or disc screws which often fail prematurely through abrasion,corrosion,or fatigue.

DEAD END SERVICE
Lug body valves are recommended for applications where downstream piping must be removed.Placement of a downstream flange is recommended to comply with suggested safety practices.Lug style butterfly valves are rated for 150 PSI in dead end service.

TESTING
Stonetown butterfly valves conform to API 598 and BS5155.All valves are subjected to a body pressure test of 150% and shell 110% of working pressure.

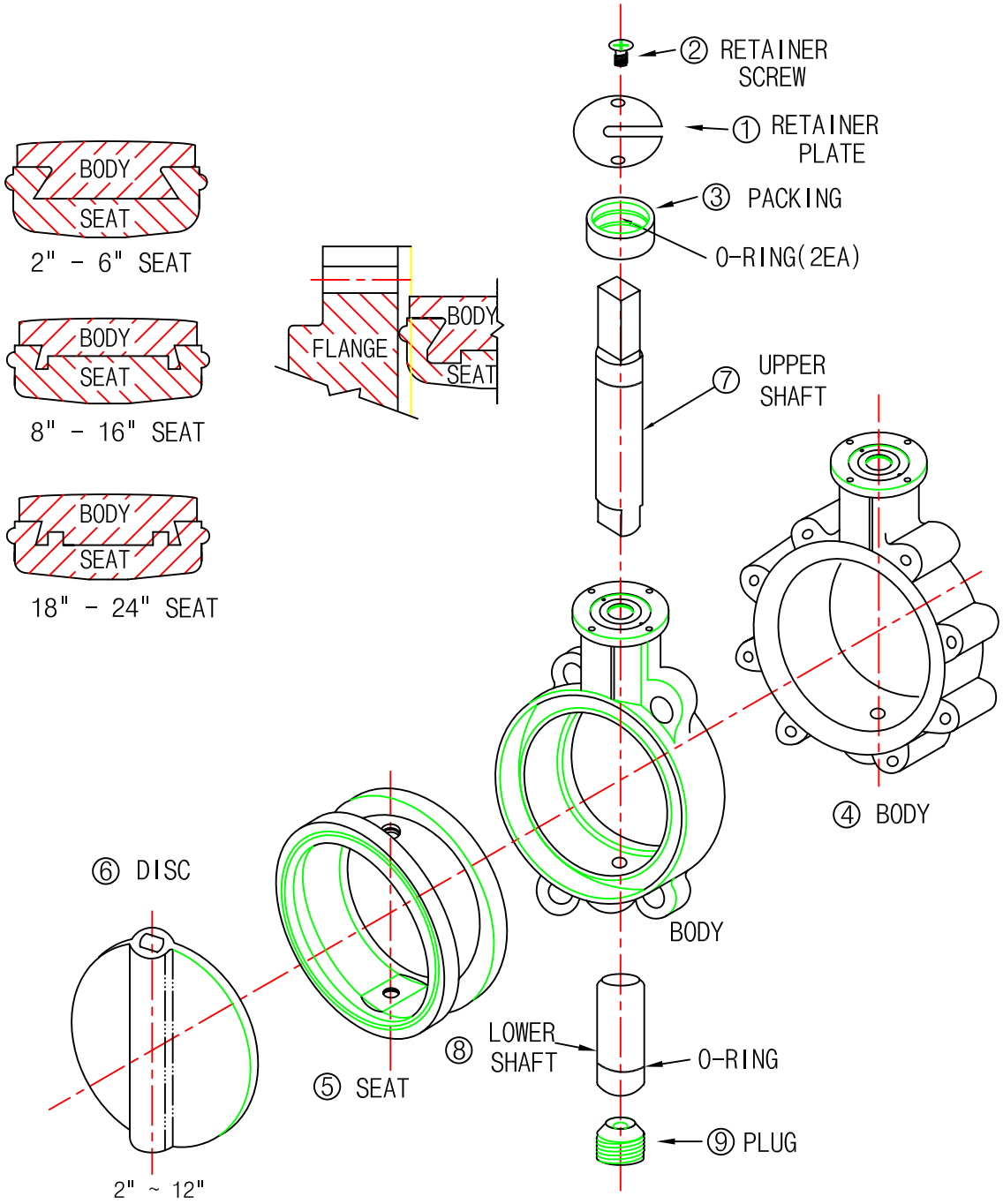
MOULDED O-RING eliminates the need for flange gaskets

BUSHING

TTS Valve Technologies Sdn Bhd
18 Jalan USJ1/1B, 47620 Subang Jaya
Selangor, MALAYSIA

Tel: +6 03 8023 1128
Fax: +6 03 8023 3278

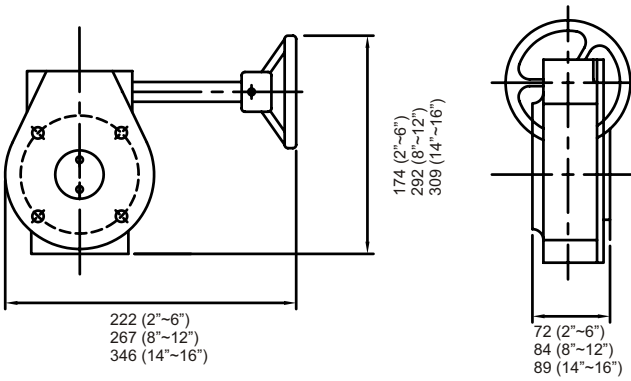
Email: ttsvalve@streamyx.com
Website: www.ttsvalve.com



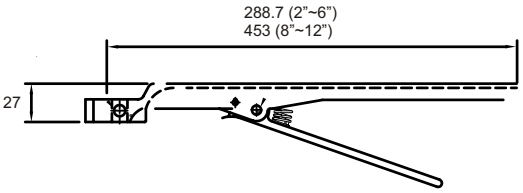
NO	DESCRIPTION	MATERIAL	STANDARD
1	Retainer plate	SS41	JIS G 3101
2	Retainer plate screw	SS41	JIS G 3101
3	Packing	EPDM	Maker
4	Body	Cast iron / EN-GJL-250 Ductile iron / GGG40	ASTM A126 / EN 1561 ASTM A536 / DIN 1693
5	Seat	EPDM / NBR / Viton	Maker
6	Disc	CF8 / CF8M	ASTM A351
7	Upper stem	SS410 / SS316	ASTM A276
8	Lower stem	SS410 / SS316	ASTM A276
9	Plug	SS41	JIS G 3101

TTS Valve Technologies Sdn Bhd
18 Jalan USJ1/1B, 47620 Subang Jaya
Selangor, MALAYSIA
Tel: +6 03 8023 1128
Fax: +6 03 8023 3278
Email: ttsvalve@streamyx.com
Website: www.ttsvalve.com

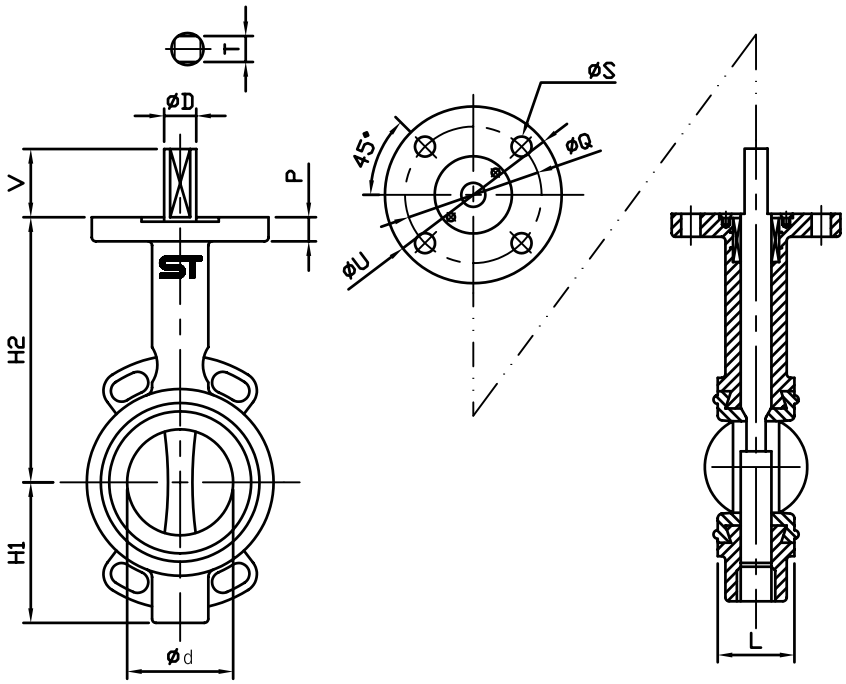
GEAR OPERATOR



HAND LEVER



ISO 5211 DIN3337 DIRECT MOUNTING SQUARE STEM



MODEL	SIZE		TOP FLANGE & STEM								OUTLINE			
	mm	inch	D	P	Q	S	T	U	V	ISO5211	L	d	H1	H2
ST.050	50	2"	14	14	70	8.2	11	90	15.2	F07	43	50.5	75	133
ST.065	65	2-1/2"	14	14	70	8.2	11	90	15.2	F07	46	66.2	80	141
ST.080	80	3"	16	14	70	8.2	14	90	15.2	F07	46	78.9	95	145
ST.100	100	4"	16	16	70	8.2	14	90	17.2	F07	52	99.5	110	166
ST.125	125	5"	19	16	70	8.2	14	90	17.7	F07	56	124.1	123	191
ST.150	150	6"	22	16	70	8.2	17	90	19	F07	56	150.0	143	207
ST.200	200	8"	22	17	70	8.2	17	90	20.5	F07	60	195.6	168	240
ST.250	250	10"	28	20	102	10.2	22	125	24.1	F10	68	247.0	203	286
ST.300	300	12"	28	20	102	10.2	22	125	24.1	F10	78	295.5	242	313
ST.350	350	14"	28	20	102	12	22	125	24.1	F10	78	330.0	265	346
ST.400	400	16"	32	23	140	18	27	175	27	F14	102	379.0	306	350

TTS Valve Technologies Sdn Bhd
18 Jalan USJ1/1B, 47620 Subang Jaya
Selangor, MALAYSIA

Tel: +6 03 8023 1128
Fax: +6 03 8023 3278

Email: ttsvalve@streamyx.com
Website: www.ttsvalve.com