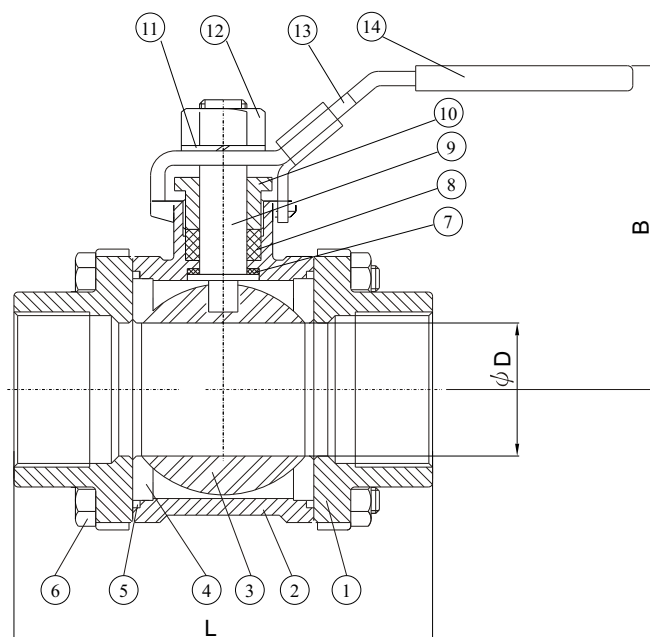


1000WOG/ PN 63
SIZE: 1/4"-2"



ZIPSON'S 301F, 3-piece ball valve is designed for most of the industrial pipe line as full port product. The ends types can be Threaded/ Socket Weld/ Butt Weld. 3-piece ball valve is designed for ease of seat replacement in-line. Different materials of soft kits are available for different working conditions.

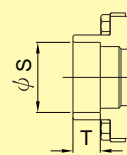
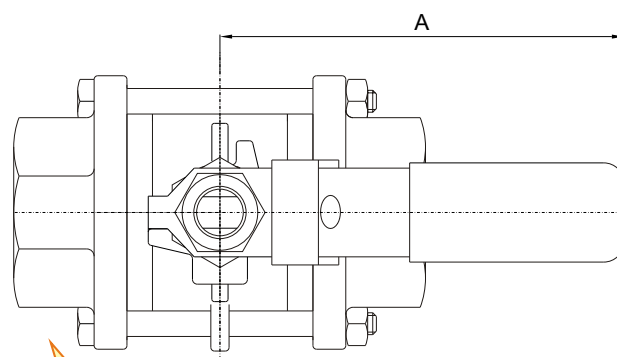
301F type is only for manual operation. For operating by actuator please use type 302F, with ISO direct mount.

SPECIFICATION

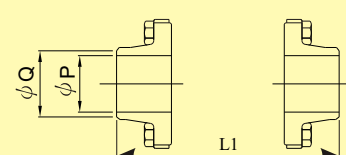
- * For chemical and industrial applications
- * Blow-out proof stem design
- * 100% air tested under water at 80-100 psi
- * Working pressure: 1000 PSI
- * Temperature range -60°F to 430°F
- * End type: Threaded/ Socket Weld/ Butt Weld

OPTION

- * Locking device
- * Oval handle
- * Butterfly handle



SOCKET WELD



BUTT WELD

DIMENSIONS (mm)

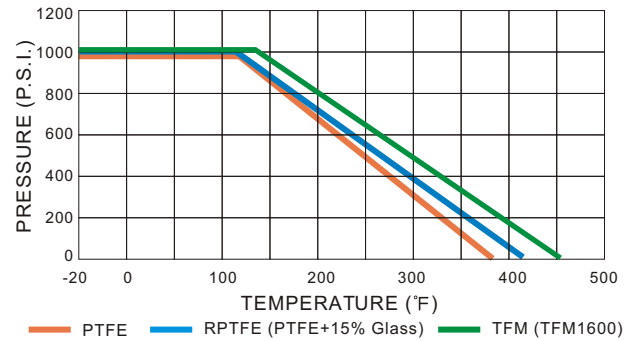
SIZE	A	B	D	L	S	T	P	Q	L1	W (kg)
1/4"	122	47	11	56.4	14.2	11.1	11	12.5	60.5	0.36
3/8"	122	47	12.5	56.4	17.5	11.1	12	14.5	60.5	0.36
1/2"	122	49	15	63.5	21.8	12.7	15	17.5	63.5	0.48
3/4"	142	55	20	75.5	27.1	14.3	20	22.5	75.5	0.84
1"	164	71	25	86	33.8	15.9	25	28	86	1.1
1 1/4"	164	76	32	96	42.5	17.5	32	35	104	1.78
1 1/2"	212	83	38	111	48.7	19.1	38	41	117	2.54
2"	212	94	50	129	61.1	22.2	50	54	138	4.12

MATERIALS LIST

ITEM	PART NAME	MATERIALS
1	END CAP	CF8M
2	BODY	CF8M
3	BALL	SS 316
4	SEAT	PTFE
5	GASKET	PTFE
6	BOLTS	SS 304
7	THRUST WASHER	RPTFE
8	STEM PACKING	PTFE
9	STEM	SS 316
10	GLAND	SS 304
11	SPRING WASHER	SS 304
12	STEM NUT	SS 304
13	HANDLE	SS 304
14	SLEEVE	PLASTIC

Note: The greases ZIPSON use including lubricant & anti-seize grease are both SILICONE-FREE.

PRESSURE/ TEMPERATURE



Recommendation!

1. after dismantling the ball valve, it is recommended new Repair Kits be fitted

2. PTFE is better than RPTFE (+15% Glass) as it reduces the torque, when operated by an actuator the torque value increasing after over 500 operations. Another good option is TFM seats or 25% carbon filled seats.

Dismantle the valve ends before welding, wait for weld to cool before reassembly, and replace gaskets.