

**TOP FLANGED TWO WAY STAINLESS STEEL BALL**



ISO 9001  
QUALITY 

ISO 14001  
ENVIRONMENT 

ISO 45001  
HEALTH & SAFETY 



## TOP FLANGED TWO WAY TWO PIECE STAINLESS STEEL BALL VALVE

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### DESCRIPTION

This valve is an investment cast, two-piece full-port design crafted from stainless steel for the body and ball, facilitating unrestricted flow with minimal pressure loss. The adjustable live-loaded stem seal packing is precision-engineered to compensate for wear and fluctuations in pressure or temperature, thus extending the valve's cycle life. The two-piece configuration is designed for easy maintenance, allowing quick disassembly.

### FEATURES

- W.P.: PN63 ( 1000WOG )
- W.T.: -20°C~180°C
- Locking device handle
- ISO 5211 Direct mounting pad
- Automation accessories(option)
- Design & manufacture conform to DIN3357
- Test & Inspect conform to EN12266

### APPLICATION

Stainless steel ball valves with RTFE/Viton seals are typically used for on-off control of water, air, oil, vacuum and other media compatible with the materials of construction. The valve utilizes special high cycle life seals with the lowest operating torques. Valves can be direct mounted to air or electric actuators using the standard ISO5211 mounting pad, eliminating the need for extra mounting brackets and couplings.

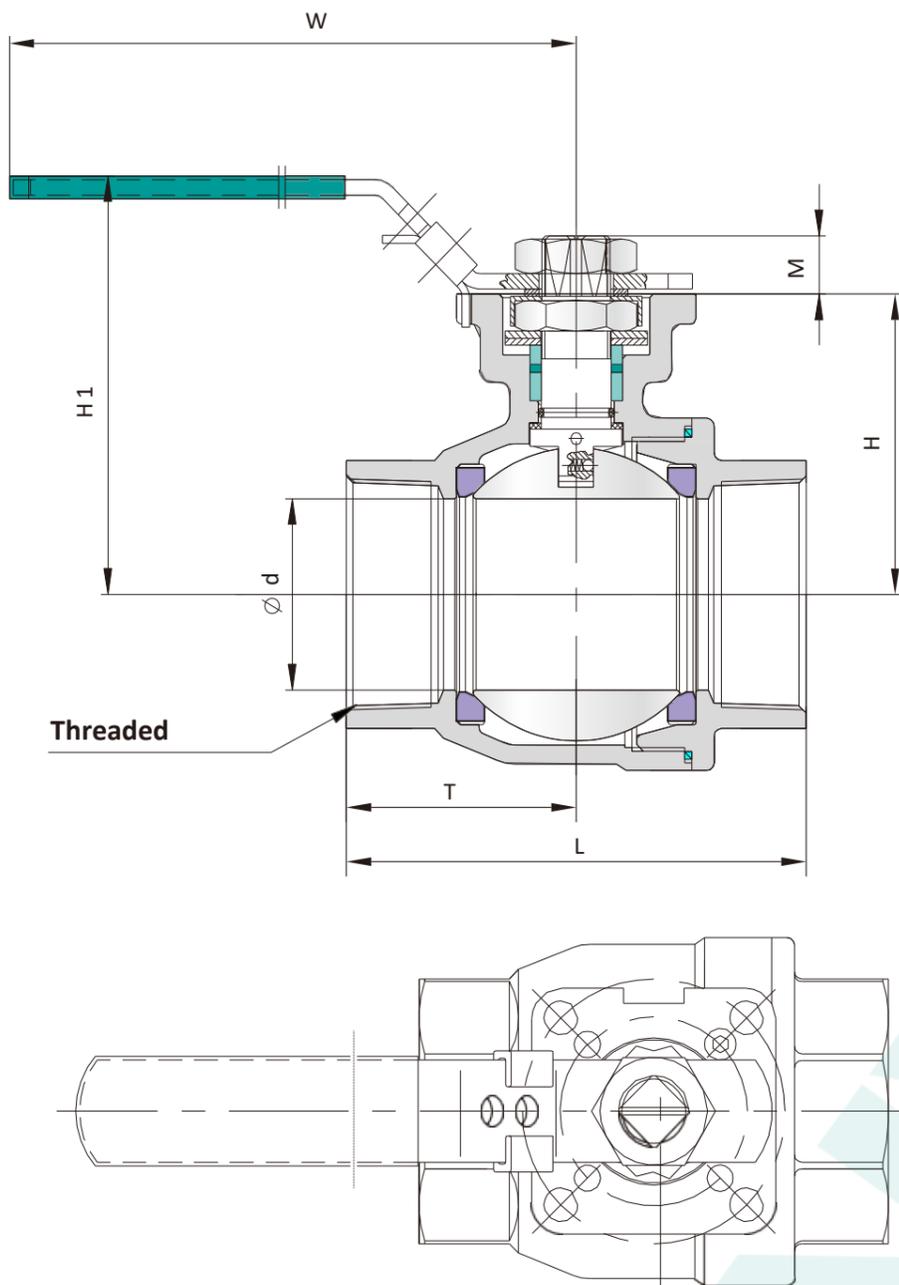
### OPERATION

Turning the hand lever one quarter-turn (90°) rotates the ball from closed to the open position. A latch locking device allows for pad locking the valve in either the open or closed position for safety lockout applications. The valve is actuator ready with standard ISO5211 mounting pad and square output shaft.

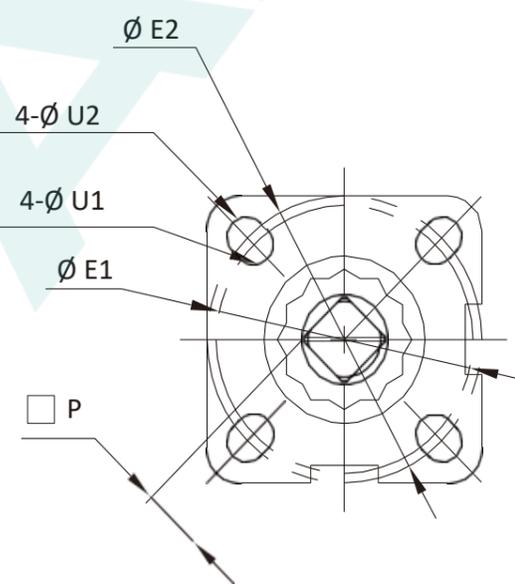
### OPTIONS

- Electric actuators
- Air Actuators
- Gearbox / Hand lever

**DIMENSIONS MM**



NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	NUT	Stainless Steel	10	O-RING	Viton
2	HANDLE	Stainless Steel	11	THRUST GASKET	PTFE
3	WASHER	Stainless Steel	12	STEM	304
6	ANTI LOOSING CAP	Stainless Steel	13	BONNET	CF8
5	NUT	Stainless Steel	16	GASKET	PTFE
6	HEX SCREWS	Stainless Steel	15	BALL	304
7	DISC SPRING	Stainless Steel	16	SEAT	PTFE
8	GLAND	Stainless Steel	17	BODY	CF8
9	PACKING	PTFE			



NPS	DN	d	L	W	H	H1	T	P	M	E1	E2	U1	U2	Weight	ISO 5211
½	15	15	62	147	42.5	73	31	9	9	36	42	6	6	0,32kg	F03 / F04
¾	20	20	70.5	147	49	79	35.2	9	9	36	50	6	7	0,44kg	F03 / F04
1	25	25	84	177	58	88	41.7	11	11	42	50	6	7	0.80kg	F04/ F05
1¼	32	32	95	177	62.5	93	47.2	11	11	42	70	6	9	1,15kg	F04/ F05
1½	40	38	104	197	71.5	103	52	14	14	50	70	7	9	1,45kg	F05 / F07
2	50	50	119	197	78.5	110	59.5	14	14	50	70	7	9	2,35kg	F05 / F07