

**2651
standard**



Ball Valves in cast 316 SS 2 way, screwed body

- 1000 PSI WOG
- Thread ends
- Full port to Sch 40 pipe
- Compact body size
- PTFE seals
- Blow-out proof stem with self adjust packing
- ISO 5211 direct actuator mounts

Type 2651 can be combined with...



Stem Extensions

Fugitive Emissions
Bonnet



Type 2051

Pneumatic rotary
actuator



Type 3003

Electric rotary actuator



Type 3004

Electric explosion
proof actuator



Type 3005

Electric rotary actuator



Type 8792

Positioner

This Burkert ball valve design is an industry proven two piece investment cast body with PTFE/FKM sealing. It finds wide use in fluid media while offering higher cycle life and reduced torque. The self-adjusting packing gland is a dual sealing type with an alignment collar for superior tightness.

The Type 2651 is automation ready with an ISO 5211 mounting pad for direct coupling of the actuator. A full range of actuators, pilots, digital positioners, feedback switches and bus network options are available for integration into plant control systems.

For maintenance, this design allows removal of all seals through one end port. The screwed body provides for easy re-assembly, without the debris pockets of enclosed bolt designs. The ball is full port style, presenting a C_v and pressure drop similar to an open line, without restriction to high flow CIP or entrained solids.

Technical data	
Valve size	1/4" to 1"
Body materials	CF8M (cast 316 SS)
Ball material	316 SS
Stem material	316 SS
Port diameter class	Full port to Sch 40 pipe size
Ball seal material	PTFE (others to application)
Media	Compatible with materials of construction and pressure / temperature limits of seals
Viscosity	As torque effect allows
Packing gland	Self-adjusting RPTFE, PTFE and FKM with 304SS guide/follower
Media temperature	-20°F to 375°F (PTFE)
End connections	NPT – National pipe thread tapered
Installation	As required
Flow direction	Seals to rated pressure in both directions
Control option	Size to conditions
Pressure rating	1000 PSI - 1/4" to 1"

Ordering chart

	Type	Pressure class	Design	Valve size	End connection	Body material	Seal material	Option
	EXAMPLE 2651	1000	2 way	1"	NPT	CF8M	PTFE	

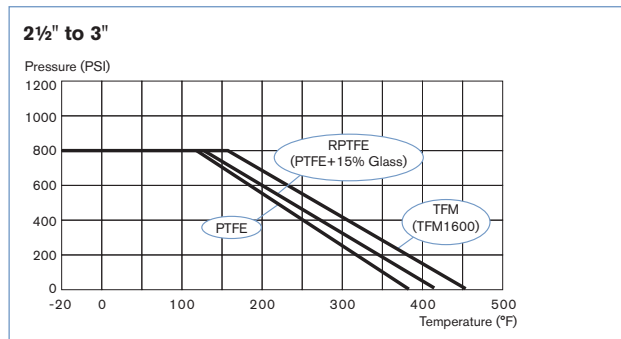
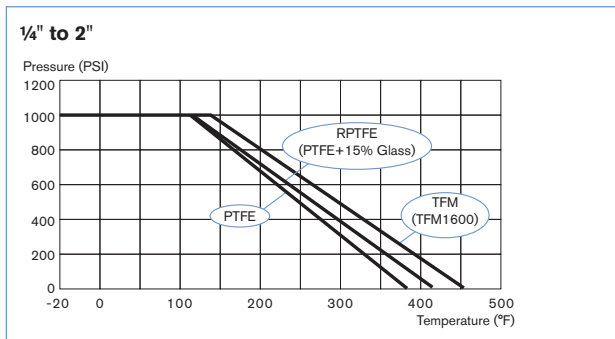
Dimensions [mm]

Item	Part Name	Materials
1	Body	CF8M
2	End cap	CF8M
3	Ball	SS 316
4	Seat	PTFE
5	Gasket	PTFE
6	Thrust washer	RPTFE
7	O-ring	FKM
8	Stem packing	PTFE
9	Stem	SS 316
10	Gland	SS 304
11	Disk washer	SS 301
12	Stem nut	SS 304
13	Nut stop	SS 304
14	Space washer	SS 304
15	Plater	SS 304
16	Stop pin	SS 304
17	Handle Nut	SS 304
18	Handle	SS 304
19	Sleeve	Plastic
20	Set bolt	SS 304
21	Lever head	CF 8
22	Lever	Steel pipe

ISO direct mount for directly assembling actuator.

Size	A	B	C	D	d1	d2	E	F	G	H	L
1/4"	37	9	130	11	6.0	6.0	66	36	42	9	56.5
3/8"	37	9	130	12.5	6.0	6.0	66	36	42	9	56.5
1/2"	37	9	130	15	6.0	6.0	66	36	42	9	59.0
3/4"	40	11	130	20	6.0	6.0	69	36	42	9	72.0
1"	48	14	160	25	6.0	7.0	80	42	50	11	79.5
1 1/4"	53.5	14	160	32	6.0	7.0	85	42	50	11	96.0
1 1/2"	63.5	18	205	38	7.0	-	98	50	-	14	104.5
2"	72	18	205	50	7.0	-	106	50	-	14	123.5
2 1/2"	92	22	320	63.5	9.0	11.3	140	70	102	17	160.0
3"	102	22	320	78	9.0	11.3	150	70	102	17	182.2

Pressure-temperature limits



In case of special application conditions, please consult for advice.

We reserve the right to make technical changes without notice.
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