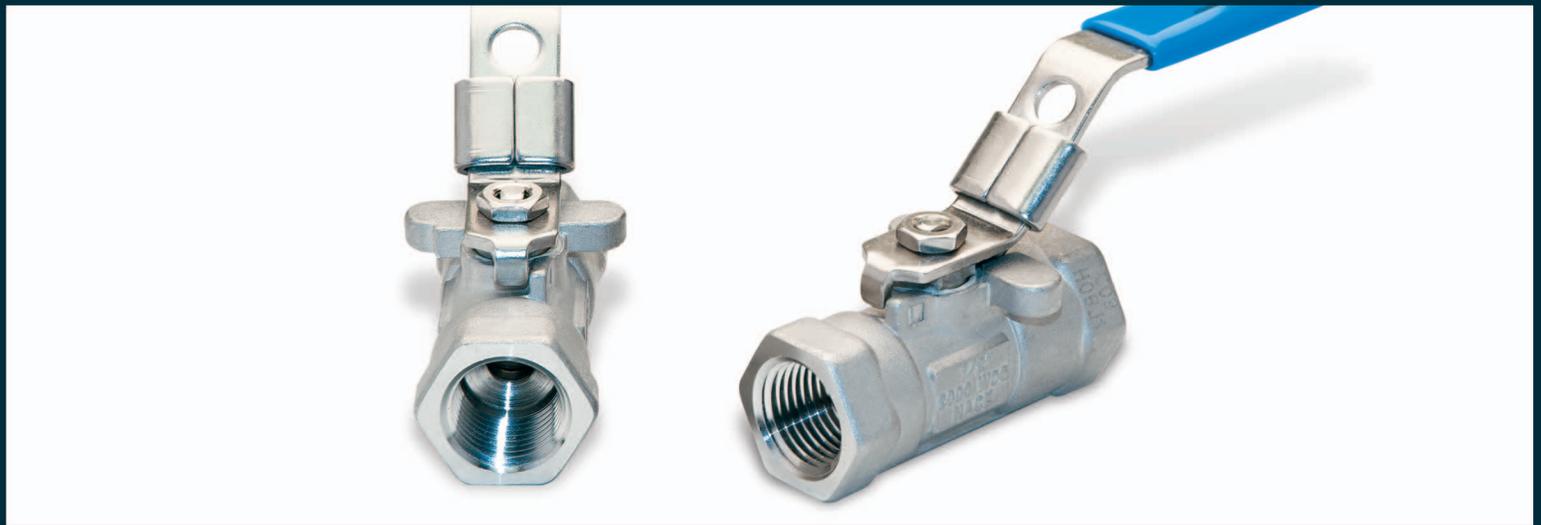


Smart Solutions. Powerful Products.



PBV[®] Series 5312 Unibody Threaded Floating Ball Valve

How To Order, Standards & Options

Specifying PBV® Series 5312 Floating Ball Valve Figure Numbers

Example: 2" S-5312-38-3600-GL-NC This number represents a 2" Stainless Steel 5312 Series Cast Unibody Double Reduced Port Floating Ball Valve with Threaded NPT F X F End Connections, Stainless Steel CF8M Body Material and Internal Trim, Glass Filled PTFE Seats, Graphite/PTFE Seal Material, NACE Compliant with Latch Locking Lever Handle Operator, no modifications.

S - 53 12 - 38 - 36 00 - G L - N C

Body Material	Design	Design/Port	End Connection	Body Material	Internal Trim	Seat Material	Seal Material	NACE Option	Operator
C Carbon Steel WCB	53 PBV® Cast	12 Unibody Double Reduced Port	38 Threaded NPT Fem. X Fem.	22 Carbon Steel WCB	36 316 Stainless Steel	T Virgin PTFE	L Graphite/ PTFE	N NACE	L Standard Lever
S Stainless Steel CF8M			3M Threaded NPT Male X Fem.	36 Stainless Steel CF8M	00 Same As Body	G Glass Filled PTFE			C Latch Locking Lever V Oval Handle

Manufactured in Strict Conformance with the Following Industry Standards

- ASME B16.34 Valves - Flanged, Threaded and Welding End
- ASME/ANSI B1.20.1 Pipe Threads
- Canadian Registration Number (CRN) Products Registered in all Provinces and Territories
- ISO 9001 Quality System
- NACE MR0175 2002 Metals for Sulfide stress cracking and stress corrosion cracking resistance in sour oilfield environments.



All Series 5312 valves meet API 607 firesafe standards.

Standard Features

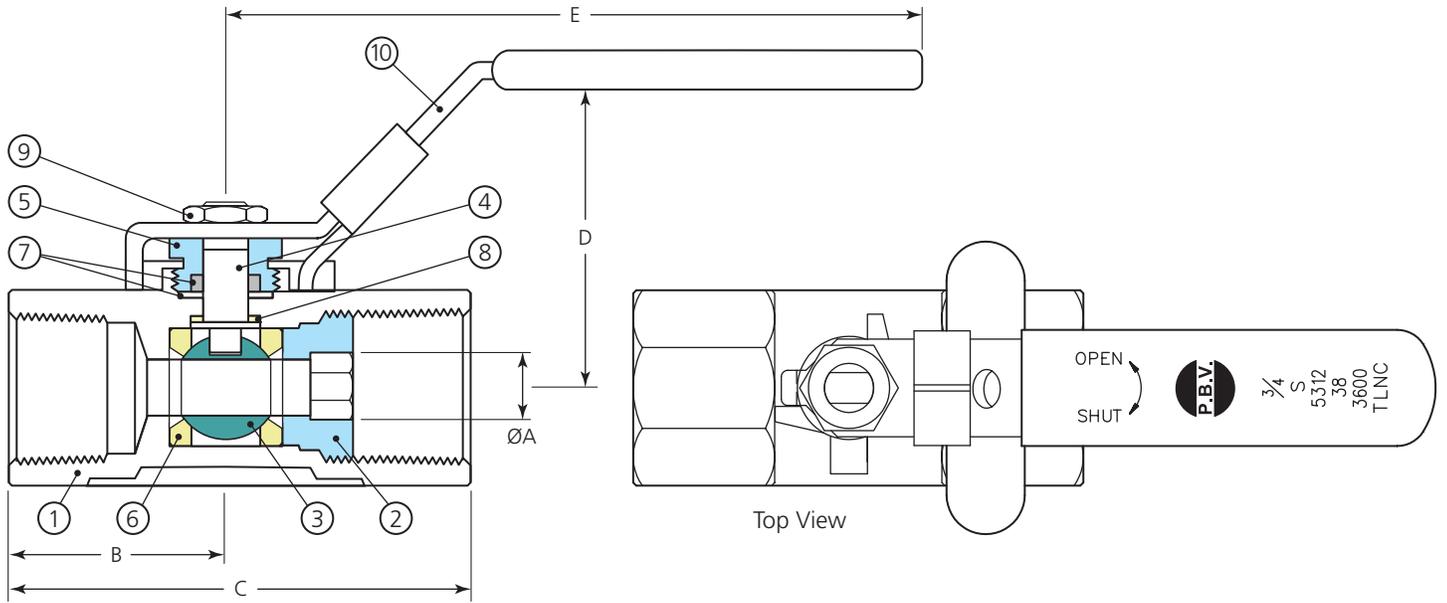
- 2000 WOG
- 250 psi Saturated Steam Rating
- Unibody Construction
- Investment Cast CF8M Stainless or WCB Carbon Steel Body
- Blowout Proof Stem
- Reinforced PTFE Seats
- Standard 316 Stainless Steel Ball & Stem
- NACE Compliant
- Firesafe to API 607 4th Edition
- Locking Handle

Available Options

- Oval Handle



Parts, Dimensions & Engineering Data



Dimensional Data (in.) & Wt. (lbs.) • 1/4" - 2"

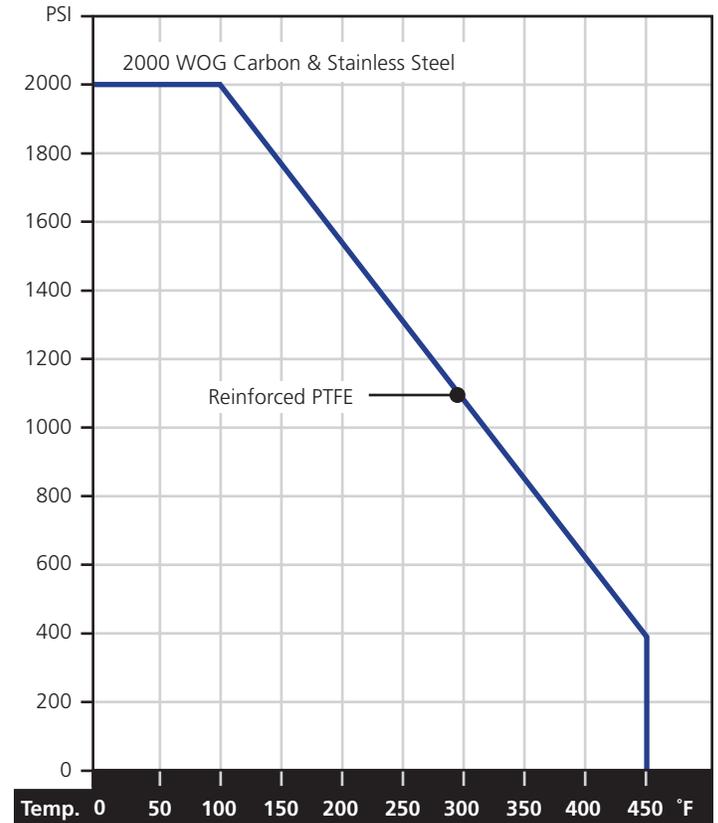
Size (in.)	Dimensions (in.)					Weight (lbs.)
	A	B	C	D	E	
1/4	0.31	1.10	2.28	1.97	4.30	0.70
3/8	0.31	1.10	2.28	1.97	4.30	0.70
1/2	0.31	1.20	2.60	1.97	4.30	0.70
3/4	0.47	1.31	2.83	2.20	4.30	1.00
1	0.62	1.50	3.23	2.56	5.75	1.60
1 1/4	0.81	1.65	3.54	2.76	5.75	2.30
1 1/2	1.00	1.85	3.86	3.29	7.40	3.30
2	1.25	2.10	4.33	3.49	7.40	4.70

Note: Weights are approximate.

Parts & Materials

No.	Qty.	Part Name	Material	
			Carbon Steel	Stainless Steel
1	1	Body	ASTM A216 WCB	ASTM A351 GR. CF8M
2	1	Tailpiece	AISI 1017 CS	ASTM A276 GR. 316 SS
3	1	Ball	ASTM A276 GR. 316 SS	ASTM A276 GR. 316 SS
4	1	Stem	ASTM A276 GR. 316 SS	ASTM A276 GR. 316 SS
5	1	Packing Nut	ASTM A276 GR. 316 SS	ASTM A276 GR. 316 SS
6	2	Seats	R-PTFE	R-PTFE
7	1	Packing	Graphite	Graphite
8	1	Thrust Washer	R-PTFE	R-PTFE
9	1	Handle Nut	Carbon Steel-Plated	304 Stainless Steel
10	1	Handle Assembly	Carbon Steel-Plated	304 Stainless Steel

Pressure Temperature



Break Torques (ft.-lbs.)

Size (in.)						
1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
60	60	75	150	180	300	400

Flow Coefficient (Cv)

Size (in.)						
1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
4.00	4.00	8.00	14.00	19.00	33.00	51.00

Our goal is to become the leading provider of mission critical oilfield products and related services in terms of customer satisfaction, safety and financial performance.

Our experienced management team and employees are dedicated to solving our customers' problems. We invest in long term relationships and cooperate on product development with our clients, we consider them our partners.

OUR CORE VALUES

Integrity: In everything we do, in every interaction, both internally and externally, we strive to operate with the upmost integrity and mutual respect.

Long-term view: We are building our company for the long-term, a company that we can be proud of.

Open communication: We believe partnerships with our customers and co-workers must be based on trust, professionalism and transparency.

Customer focused: Our products enhance our customer's performance and we listen to their needs and work with them to solve their challenges.

Good place to work: We are committed to creating a workplace that fosters innovation, teamwork and pride. Every team member is integral to our success and is treated equally and fairly.

No one gets hurt: The safety of our employees and customers is our first priority coupled with a healthy respect for the environment.

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