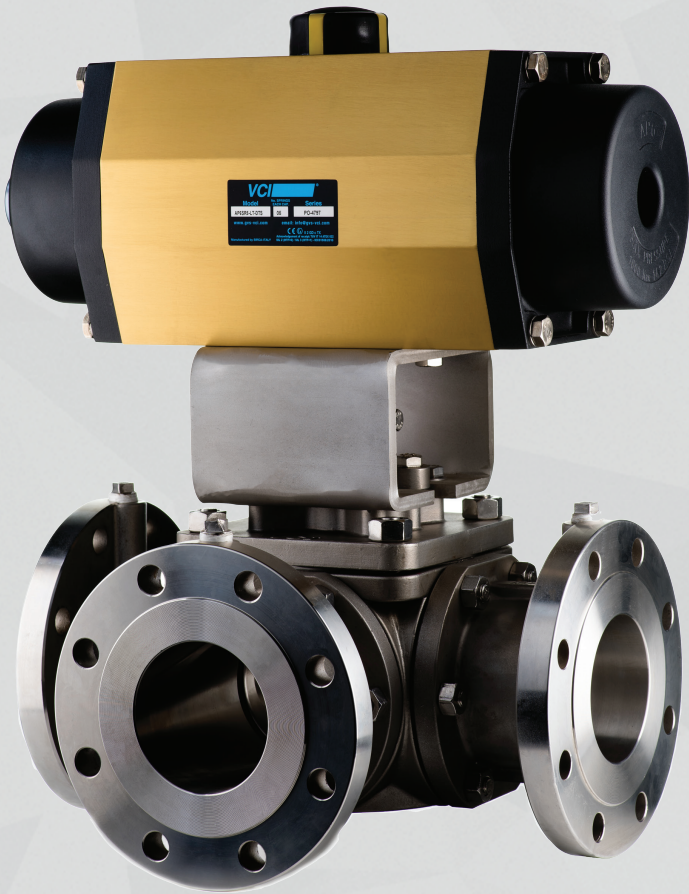




VCI[®]

**Series: T400
3 & 4 - Way Trunnion
Mounted Ball Valve**



Features

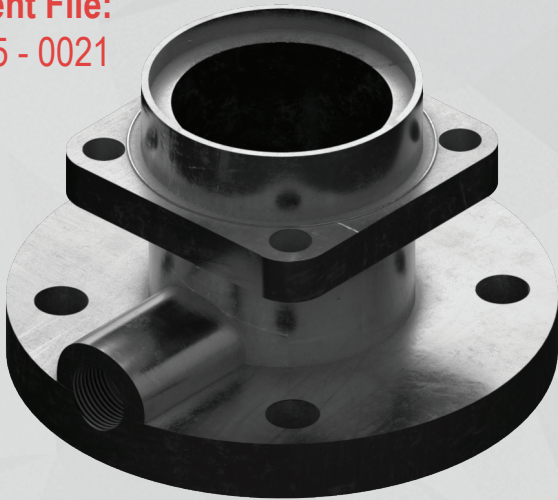
- One Piece Stem-Ball-Trunnion
- Live Loaded Resin / Metallic Seats
- Trunnion & Stem Bearings
- Triple Stem Seals
- Top Entry
- Valve Design Per ASME B16.34

Benefits

- Direct Torque Transfer To The Ball
- Long Seat Service Life
- No Stem Side Loads
- Fire Safe Design
- Ease Of Maintenance
- Enhanced Stem Sealing Life

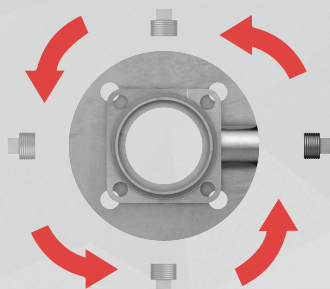
Patented Flanged Ends

Patent File:
1295 - 0021



Bleed Port Design

The VCI® T400 flanged ends design utilizes the built-in bleed ports that remove the client's need for bleed fittings & gaskets, and eliminates possible leak points where / when applicable.



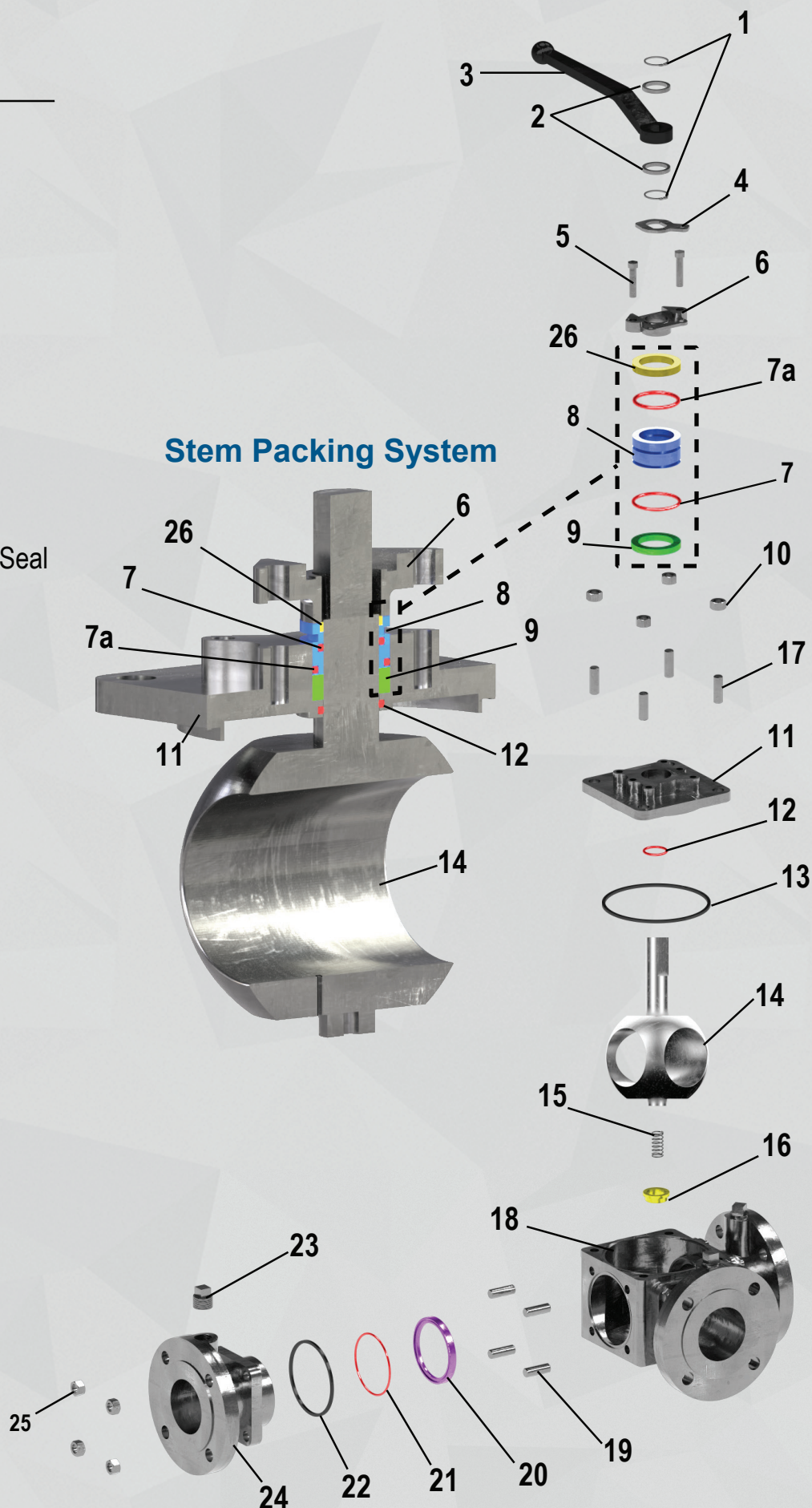
One Piece Stem-Ball-Trunnion Design

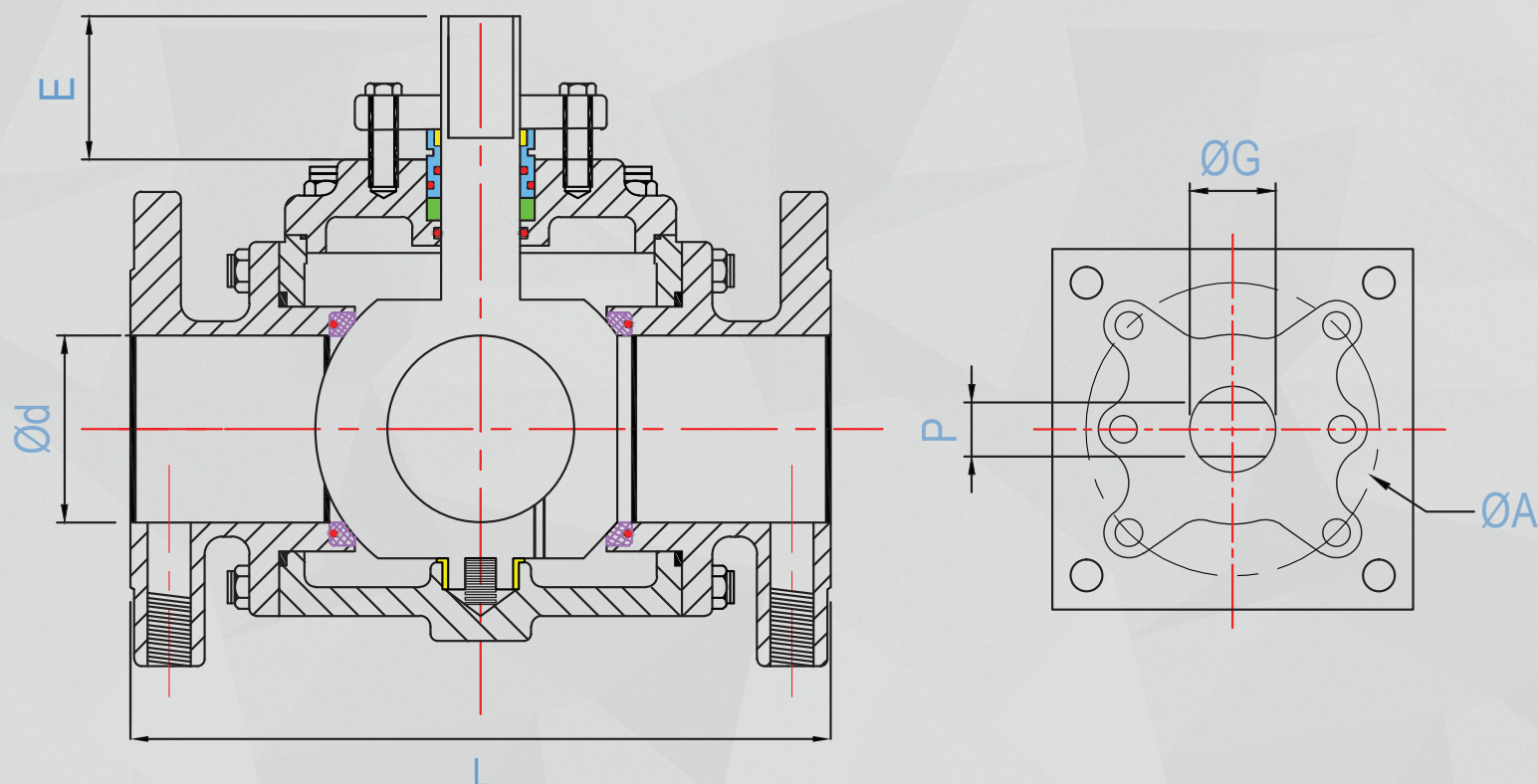
One piece stem-ball-trunnion design facilitates direct torque transfer by actuator.

End-to-body connection allows for versatile bleed-port configurations which can be assembled as per clients requirements.

NO.	PART NAME
-----	-----------

- | | |
|----|--------------------------|
| 1 | C Retainer Ring |
| 2 | Washer |
| 3 | Handle |
| 4 | Stopper |
| 5 | Hex Head Bolt |
| 6 | Gland |
| 7 | Stem O-Ring |
| 7a | Bonnet O-Ring |
| 8 | Gland Ring |
| 9 | Fire Safe Packing |
| 10 | Bonnet Nut |
| 11 | Bonnet |
| 12 | Primary Stem O-Ring Seal |
| 13 | Bonnet Gasket |
| 14 | Ball / Stem / Trunnion |
| 15 | Anti-Static Spring |
| 16 | Trunnion Bearing |
| 17 | Bonnet / Body Stud |
| 18 | Body |
| 19 | End / Body Stud |
| 20 | Seat |
| 21 | Seat O-Ring |
| 22 | Body Gasket |
| 23 | Bleed Port Plug |
| 24 | End Flange |
| 25 | Body Nut |
| 26 | Stem Bearing |



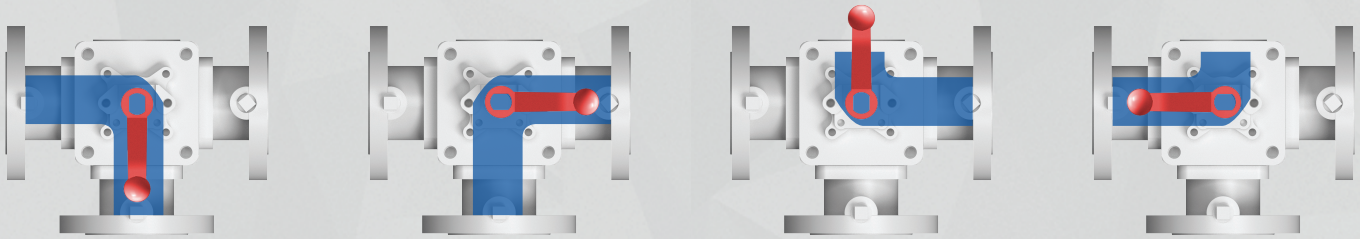


ANSI Class	Size	$\varnothing A$	$\varnothing G$	L	P	$\varnothing d$	E	Bleed Port Size (NPT)
150	2"	2 3/4	7/8	11 1/4	21/32	1 31/32	1 11/16	3/4"
	3"	4 1/32	1 11/64	12 27/32	7/8	3 1/32	2 3/8	3/4"
	4"	4 59/64	1 11/32	16 11/32	29/32	3 15/16	3 7/32	1/2"
	6"	4 59/64	1 49/64	17 9/16	1 3/8	5 29/32	3 1/4	1/2"
300	2"	2 3/4	7/8	11 3/4	21/32	1 31/32	1 11/16	1/2"
	3"	4 1/32	1 11/64	12 27/32	7/8	3 5/32	2 3/8	1/2"
	4"	4 59/64	1 11/32	16 11/32	29/32	3 15/16	3 1/32	1/2"
	6"	4 59/64	1 49/64	18 27/64	1 3/8	5 29/32	3 1/32	1/2"
600	2"	2 3/4	1 3/64	14 1/2	7/8	1 31/32	3 13/32	1/2"
	3"	4 1/32	1 11/32	15 7/32	29/32	3 5/32	3 13/16	1/2"
	4"	4 59/64	1 25/32	17 3/8	1 3/8	3 15/16	4	1/2"
	6"	4 59/64	2 23/64	22 43/64	1 49/64	5 29/32	4	1/2"

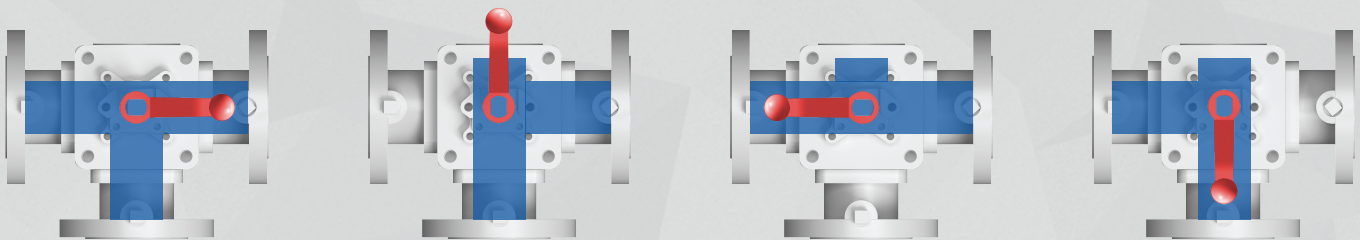
Note:

- "L" dimension can be adjusted according to client's requirements.
- Additional valve sizes and ANSI classes are available upon request.
- All dimensions shown are in inches and are subject to change without notice.

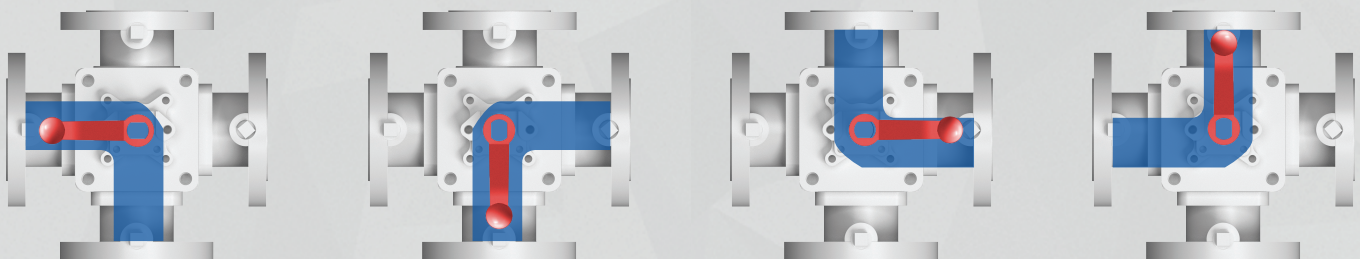
3-Way L-Port



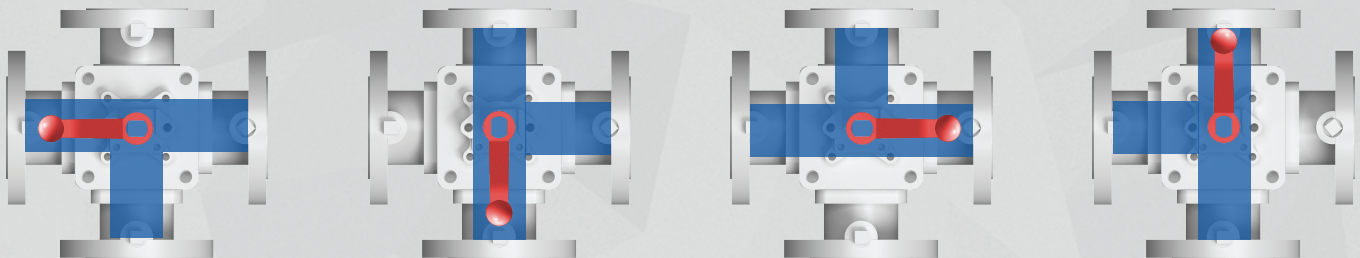
3-Way T-Port



4-Way L-Port



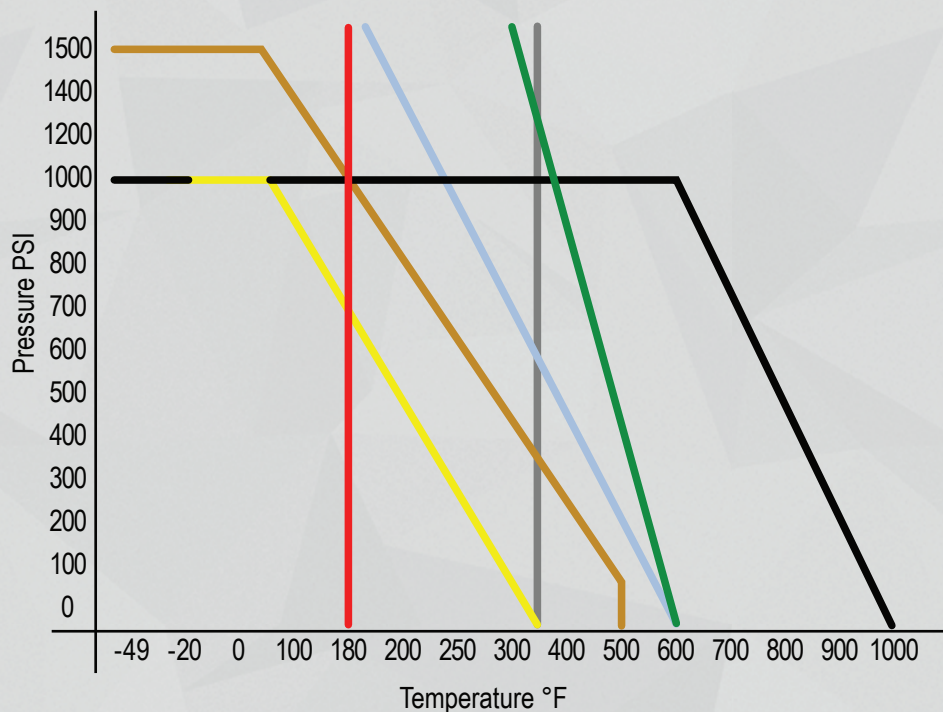
4-Way T-Port



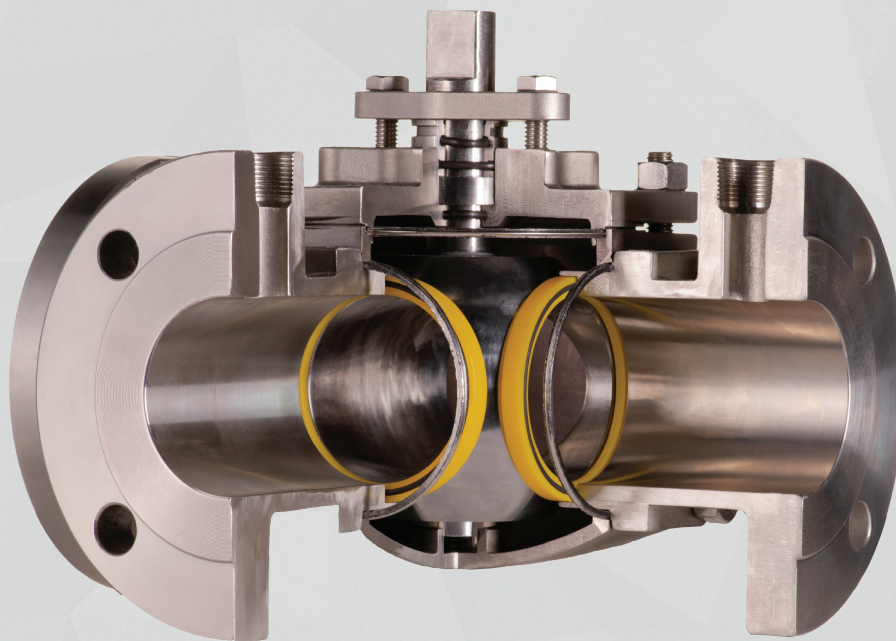
Additional flow patterns available.

Rating Chart of Seat Materials

Guide Valve Limited



- Delrin
- Devlon
- Metal / Stellite
- PEEK with 20% Teflon
- PEEK with Glass and Graphite
- Poly-Carbon
- Virgin Teflon (PTFE)



Guide Valve Limited

51 Terecar Dr., Unit 1
Woodbridge, ON CANADA L4L 0B5
Tel: 905-761-7877
Fax: 905-761-7917

www.gvs-vci.com

sales@gvs-vci.com

Guide Valve USA Limited

7500 San Felipe St., Ste 600
Houston, Texas USA 77063

Toll-Free: 1-888-824-5693

Distributor / Agent: