

GUIDE VALVE LIMITED

"Better by Design"



Distributors/Agents



Global Supply Line are Guide Valve stockists, distributing to Australia, NZ & PNG, and can automate, service & test in our Adelaide Lloyd's 9001 facility, approved by Guide Valve.

Contact us: sales@globalsupplyline.com.au

Stock lists at our website: www.globalsupplyline.com.au

Mission Statement

It is our mission to effectively and continuously engage in methods of technology and innovation to meet the organizational goals of GVL and "Better By Design" products, while at the same time, striving to exceed the needs and expectations of our clients.

Fostering a company environment for overall safety, continuous improvement and cultivating cooperation and mutual respect towards our environment, employees, suppliers, and customers.

CORPORATE VIDEO

<https://www.youtube.com/watch?v=DOPSxYN5Jrs>



CANADIAN HEAD OFFICE & PLANT



USA SALES OFFICE & WAREHOUSE



GUIDE VALVE

WUXI LIMITED



API 6D & API-6A CERTIFICATIONS



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 6D-1822

ORIGINAL

The American Petroleum Institute hereby grants to

GUIDE VALVE WUXI LIMITED
Building M, No. 30 Wanquan Road
Xishan District
Wuxi, Jiangsu
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-6D** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **6D-1822**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Ball Valves, Plug Valves

QMS Exclusions: Servicing

Effective Date: JULY 16, 2024

Expiration Date: JULY 16, 2027

Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.



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The scope of this license includes the following: Gate, Ball, Plug Valves at PSL 1, PSL 2, PSL 3, PSL 4

QMS Exclusions: Servicing

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API Q1 & APIQR-ISO CERTIFICATIONS



ISO CERTIFICATE



CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Guide Valve Limited

Main Site: 51 Terecar Drive, ,
Woodbridge, Ontario, L4L 0B5, Canada

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

The design and manufacturing of valves.

Certificate Number:
0052985

Initial Certification Date:
06 September 2016

Date of Certification Decision:
18 August 2025

Issuing Date:
18 August 2025

Valid Until:
05 September 2028



intertek

Rathin Grover
President, Business Assurance

Intertek Testing Services NA,
Inc. dba Intertek,
4700 Broadmoor SE Suite 200 Kentwood,
Michigan 49512, United States



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



INTRODUCING **GVS**® TRUNNION MOUNTED BALL VALVES

GUIDE VALVE
LIMITED

**GVS® Trunnion Mounted
Soft Seated Ball Valves**

GVS®

Fugitive Emission Certified to:
API STANDARD 641
ISO 15848-1: ENDURANCE CLASS CO3
TIGHTNESS CLASS AM
ISO 15848-1: ENDURANCE CLASS CO2
TIGHTNESS CLASS CH

Firesafe Certified to:
API STANDARD 607
API STANDARD 6FA
B.S. 6755 PART 2
ISO 10497 : 2010





API 6D & API-6A CERTIFICATIONS



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Certificate of Authority to use the Official API Monogram

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The scope of this license includes the following: Ball Valves, Plug Valves

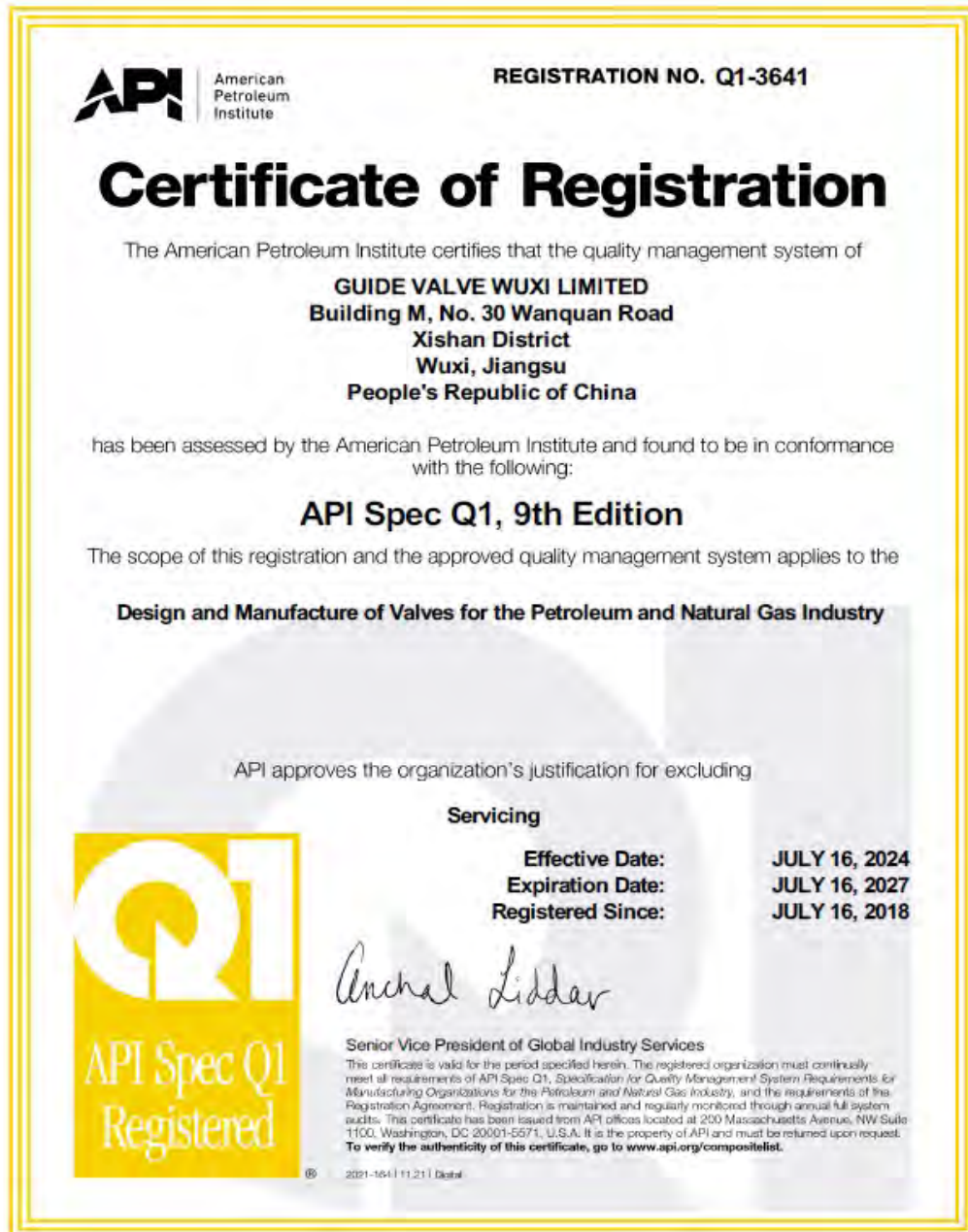
QMS Exclusions: Servicing

Effective Date: JULY 16, 2024
Expiration Date: JULY 16, 2027

Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.

API Q1 & APIQR-ISO CERTIFICATIONS



SIL-3 CERTIFICATION



CERTIFICATE OF COMPLIANCE

Certificate Owner: Guide Valve Limited
51 Terecar Dr Unit 1
Woodbridge, ON L4L 0B5

The assessment concluded that the overall Functional Safety Lifecycle frame work employed by Guide Valve Limited (GVS) for the provision of the scooped shut-off valves are in accordance with the requirements of IEC 61508:2010 and thus satisfy the requirement for use within a Safety Related System as a Safety Integrity Level (SIL) capable element.

Systematic Capability: SC 3 (SIL 3) Architecture Capability: Type A Device, Route 2H

Notes:

- Average Probability of Failure On Demand (PFD_{avg}) and Hardware Fault Tolerance must be verified for each application.
- The Safety Function is specified as the ball valve shall move to the designated safe position as per application design.

This certification is supported by:

- IEC 61508:2010 Part 1 and Part 2 Functional Safety Assessment (Route 1s) which concludes Systematic Capability (SC) up to an including SIL 3 documented in FSES reports ES_P250105_FS001 iss. 0 and ES_P250105_FS002 iss. 0.
- Failure Mode, Effect & Criticality Analysis (FMECA) which demonstrates Random Hardware Reliability and Architectural Constraints suitability (Route 2H) for use in a SIL 2 application in a 1oo1 configuration and SIL 3 application in a 1oo2 configuration documented in FSES report ES_P250105_FM001 iss. 0.

The scooped valves are as follows:

1. GVS Trunnion Mounted Soft Seated Ball Valves.
2. GVS Trunnion Mounted Metal to Metal Ball Valve.
3. GVS Special Trim Valves wet or dry.
4. GVS Triple Seated Ball Valves.
5. VCI Floating Type Valves.

Document No.: ES_P20105_CE001 Iss. 0
Date of Issue: 30th of August 2025
Expiry date: 30th of August 2030
ES Rep.: EUR ING Amir H. Akhlaghi BEng (Hons.) FS Eng (TÜV Rheinland) MSaRS MIET

Systematic Capability

The process associated with design, development and management of the manufacturing process for the scooped valves has met the requirements for SC 3 and thus has deemed the products suitable for use in a SIL 3 application. The intention of SC is to control and minimize systematic failures and to achieve sufficient integrity against such failures in design and manufacturing processes.

API 607 & 6FA FIRE SAFE CERTIFICATIONS

Fire Test Report

ANSI/API Standard 607, 7th Edition, 2016

ISO 10497: 2010

Performed for

Guide Valve Limited

www.gvs-vci.com

2 inch Class 150 Soft Seated Ball Valve
Valve Code: GVS B1 Series

Project Number: 217320
Test Date: October 10, 2017

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

434 Walnut Hill Road
North Yarmouth, ME 04097 USA
(207) 829-5359

info@yarmouthresearch.com
www.yarmouthresearch.com

Fire Test Report

ANSI/API Standard 607, Sixth Edition, 2010

ISO 10497:2010

Performed for

Guide Valve Supply Limited

www.gvs-vci.com

8 inch Class 1500 Ball Valve
Product Code: 8" GB1-1500-RTJ-G

Project Number: 211113
Test Date: May 10, 2012

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

434 Walnut Hill Road
North Yarmouth, ME 04097 USA
(207) 829-5359

info@yarmouthresearch.com
www.yarmouthresearch.com

FUGITIVE EMISSION CERTIFIED

API Standard 641, First Edition, 2016

Test Report

“Type Testing of Quarter-turn Valves for
Fugitive Emissions”

Performed for

Guide Valve Limited

www.gvs-vci.com



4 inch ANSI 2500 Trunnion Mounted Ball Valve
Product Code: 4” ANSI 2500 GB1

Project Number: 220106

Test Start Date: March 12, 2020



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

434 Walnut Hill Road
North Yarmouth, ME 04097 USA
(207) 829-5359
info@yarmouthresearch.com
www.yarmouthresearch.com

ISO 15848-1:2015

Methane Fugitive Emission Test Report

Performed for

Guide Valve Limited

www.gvs-vci.com



10 inch ANSI Class 900
Soft-Seated Trunnion Mounted Ball Valve
Product Code: GVS 10” GB1 ANSI 900

Project Number: 219322

Test Start Date: July 22, 2019



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

434 Walnut Hill Road
North Yarmouth, ME 04097 USA
(207) 829-5359
info@yarmouthresearch.com
www.yarmouthresearch.com

GVS[®] BOLTED BODY BALL VALVES

- API 6D MONOGRAM LICENSE # 6D-1822
- API 6A MONOGRAM LICENSE # 6A-2250
- API SPEC Q1: Q1-3641
- ISO 9001: 2015 ISO-3641
- SIL 3 Rated by Independent 3rd Party
- BUILT & DESIGNED to API-6D, CSA Z245.15 & ASME B16.34 – Latest Edition(s)
- API 607 & 6FA FIRESAFE TESTED & CERTIFIED
- FUGITIVE EMISSION CERTIFIED API 641 and/or ISO 15848-1
- NACE MR-0175
- ASME B16.5 FOR FLANGED ENDS
- ASME B16.25 & B31.8 BUTT-WELD ENDS
- API-6D & ASME B16.10 FACE TO FACE & END TO END DIMENSIONS OF VALVES
- MSS SP-25 STANDARD MARKING SYSTEM FOR VALVES
- API 6DX STANDARD FOR ACTUATORS & MOUNTING KIT FOR ACTUATION
- ISO 5211 INTERFACE FOR ACTUATION

2" to 4" – ANSI CLASS 150#-2500#

Model B3
Sizes: 2" - 4"
ANSI Class 150#



Model B2
Sizes: 2" - 4"
ANSI Class 900 - 1500#



Model B2
Sizes: 2" - 4"
ANSI Class 300 - 600#



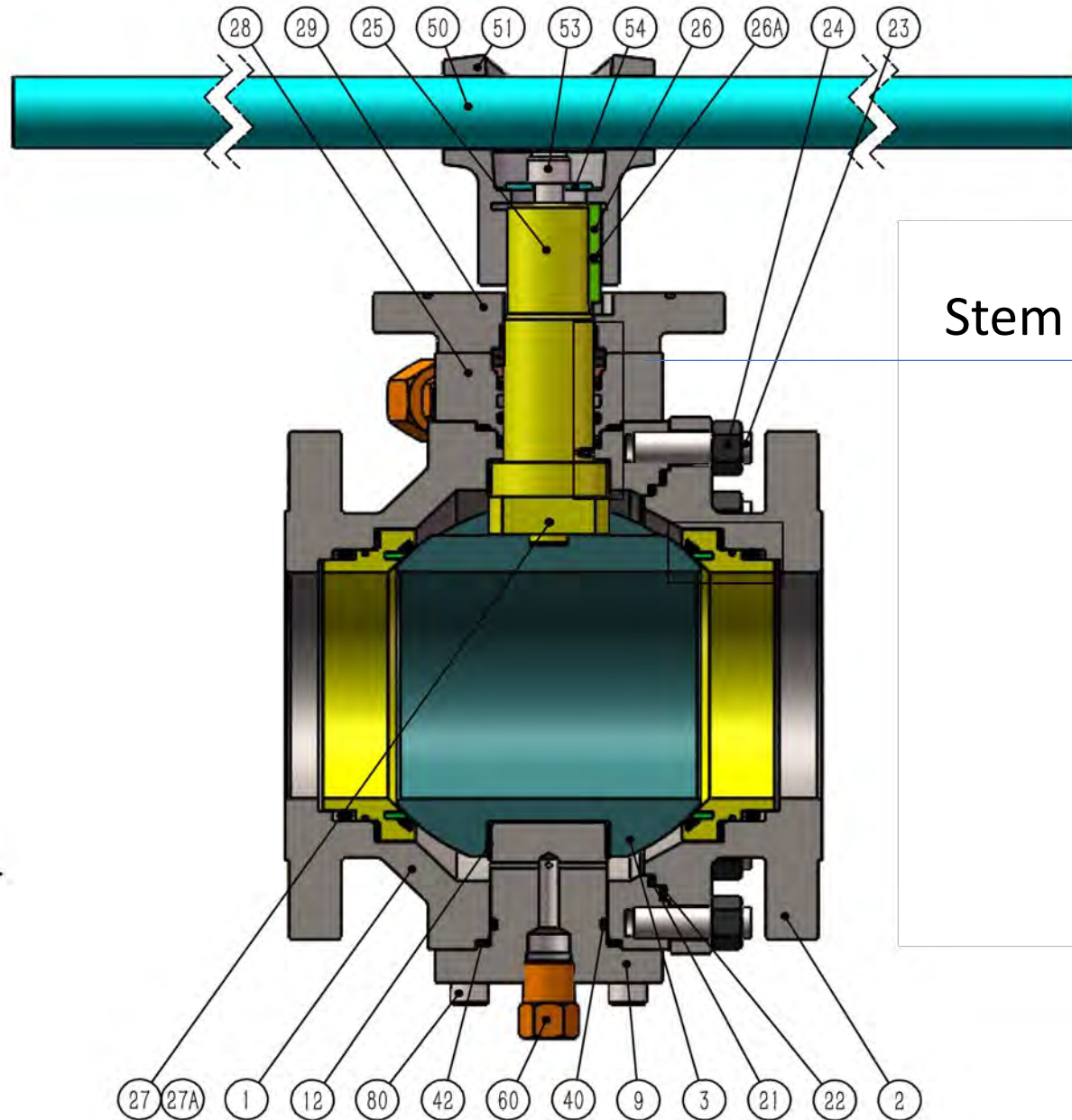
Model GB2
Sizes : 2" - 4"
ANSI Class 2500#



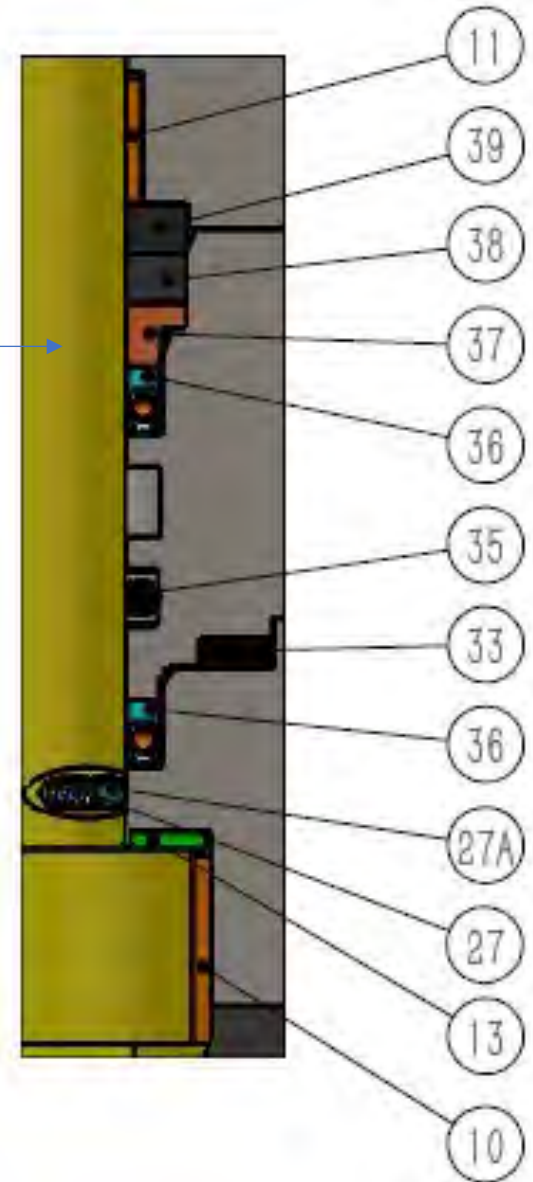
6" AND LARGER IN ANSI CLASS 150#-2500#



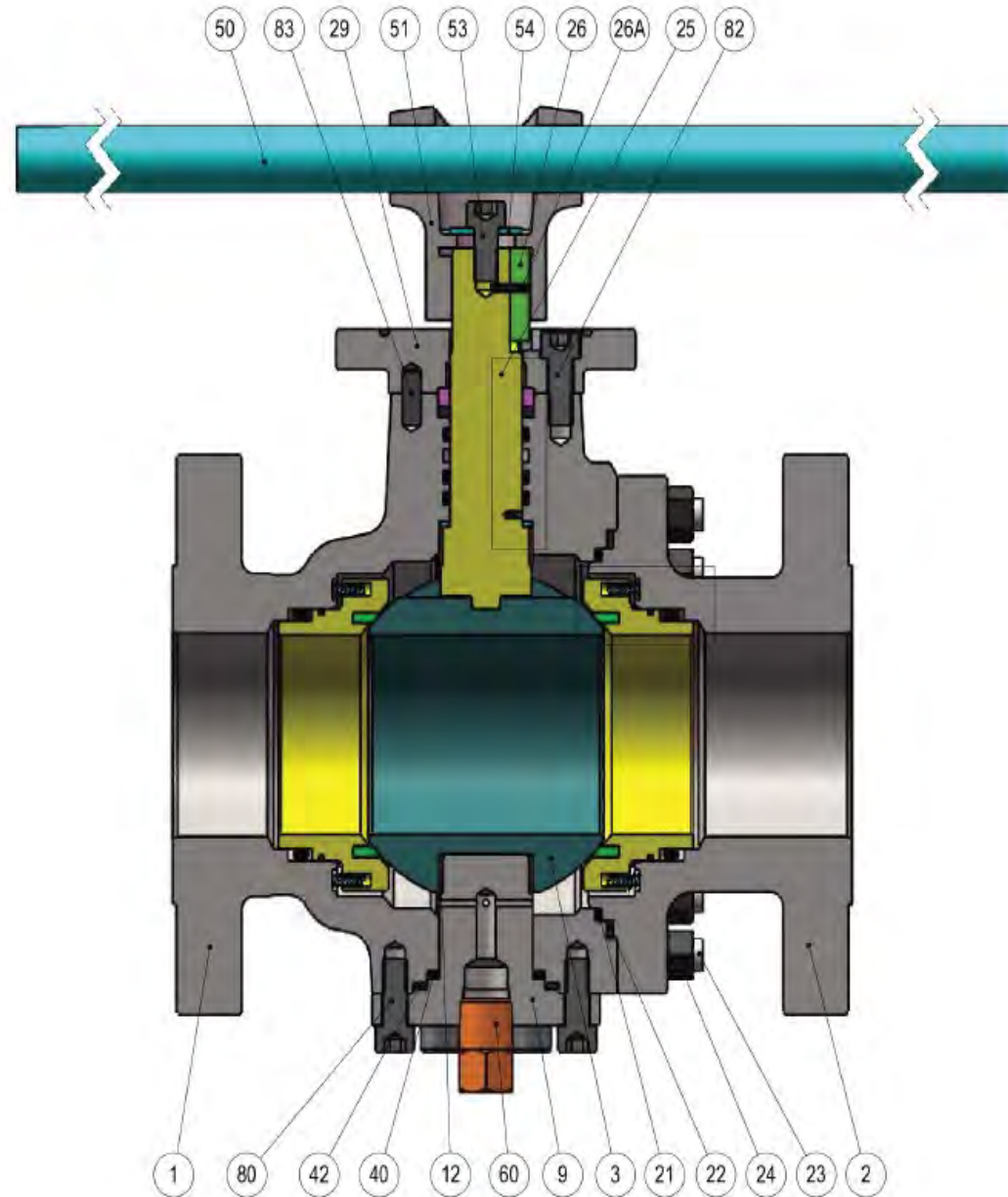
2" to 4" SERIES B3 ANSI 150#



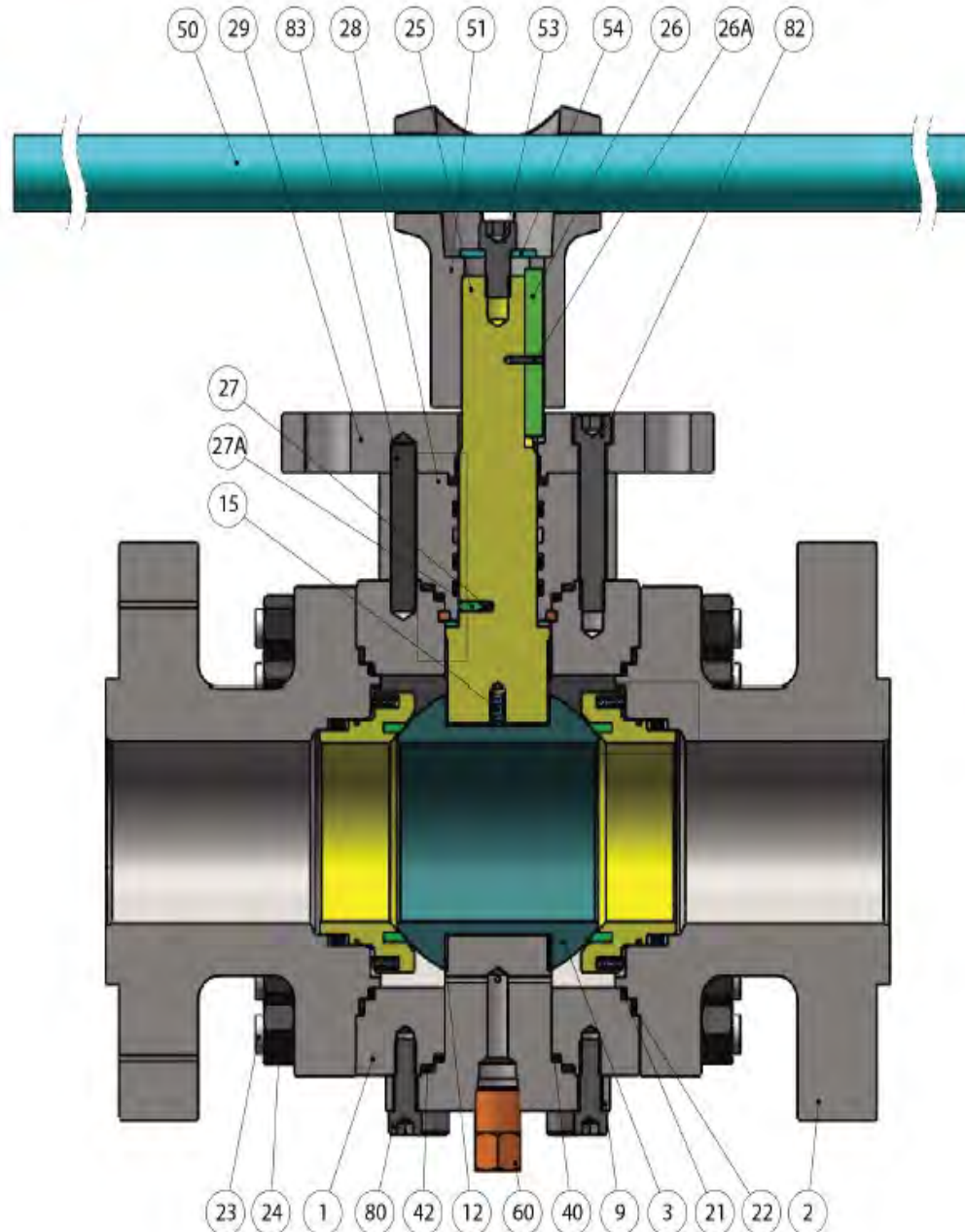
Stem Seal Assembly



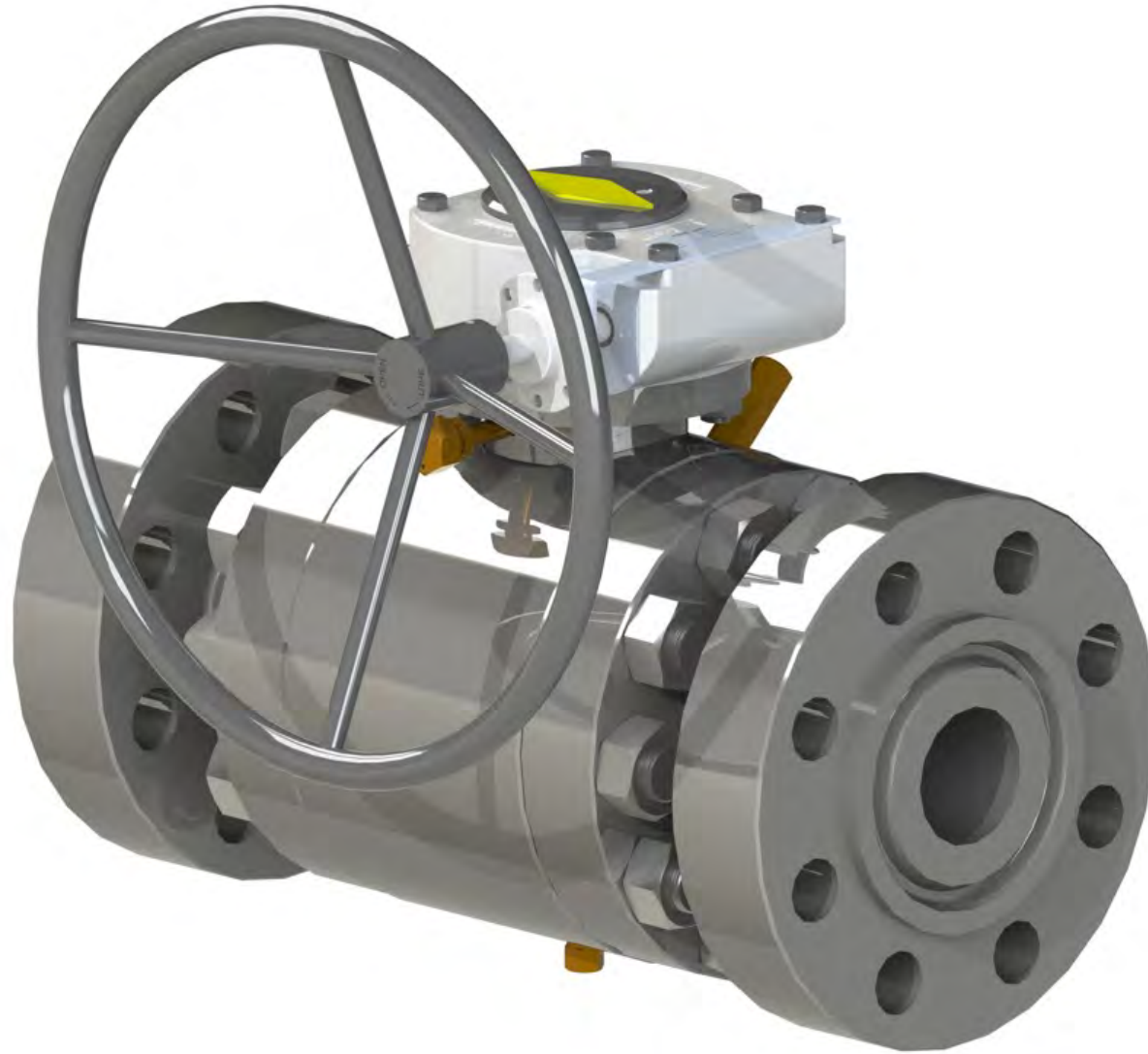
2" to 4"-ANSI CLASS 300# & 600#



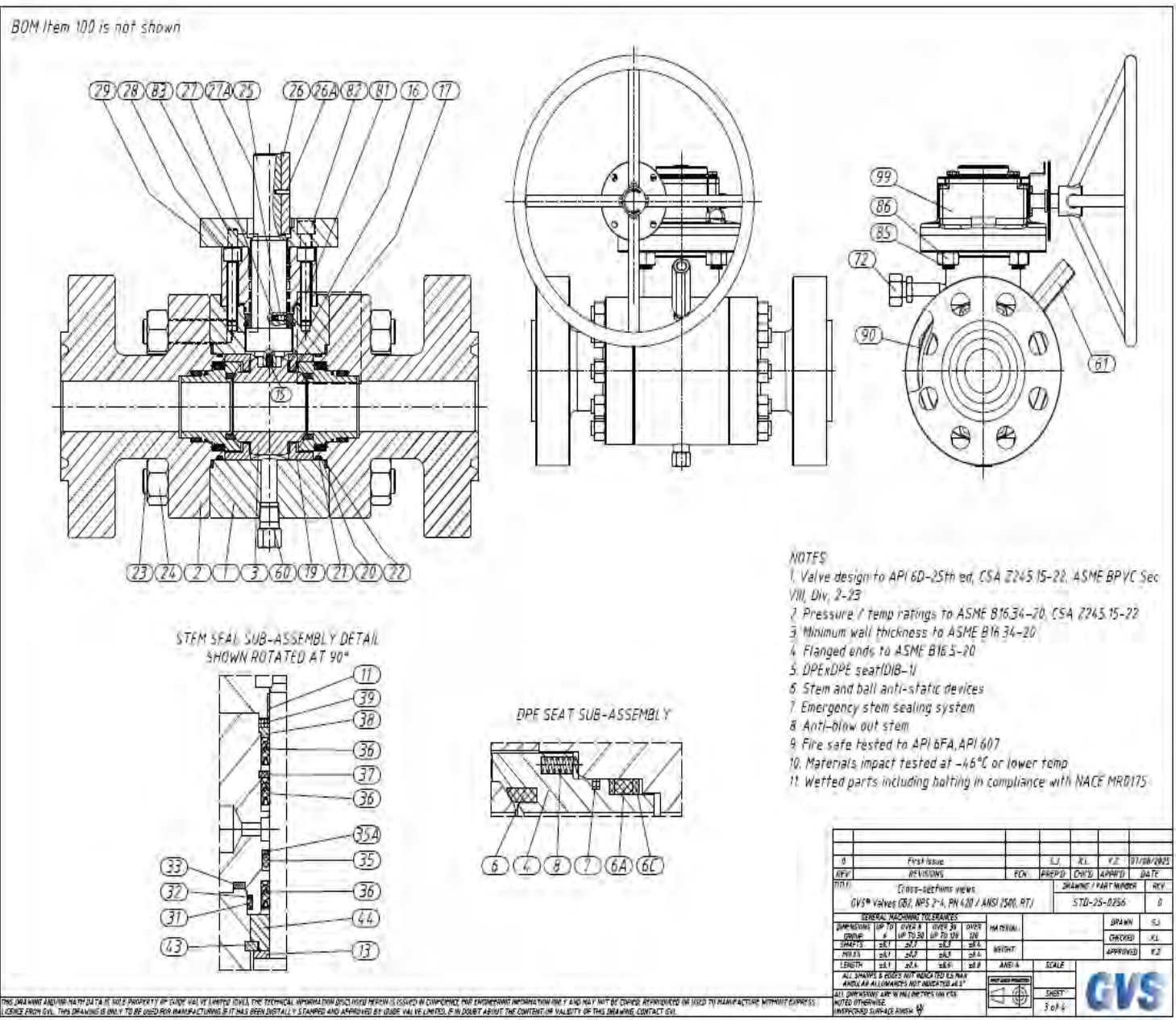
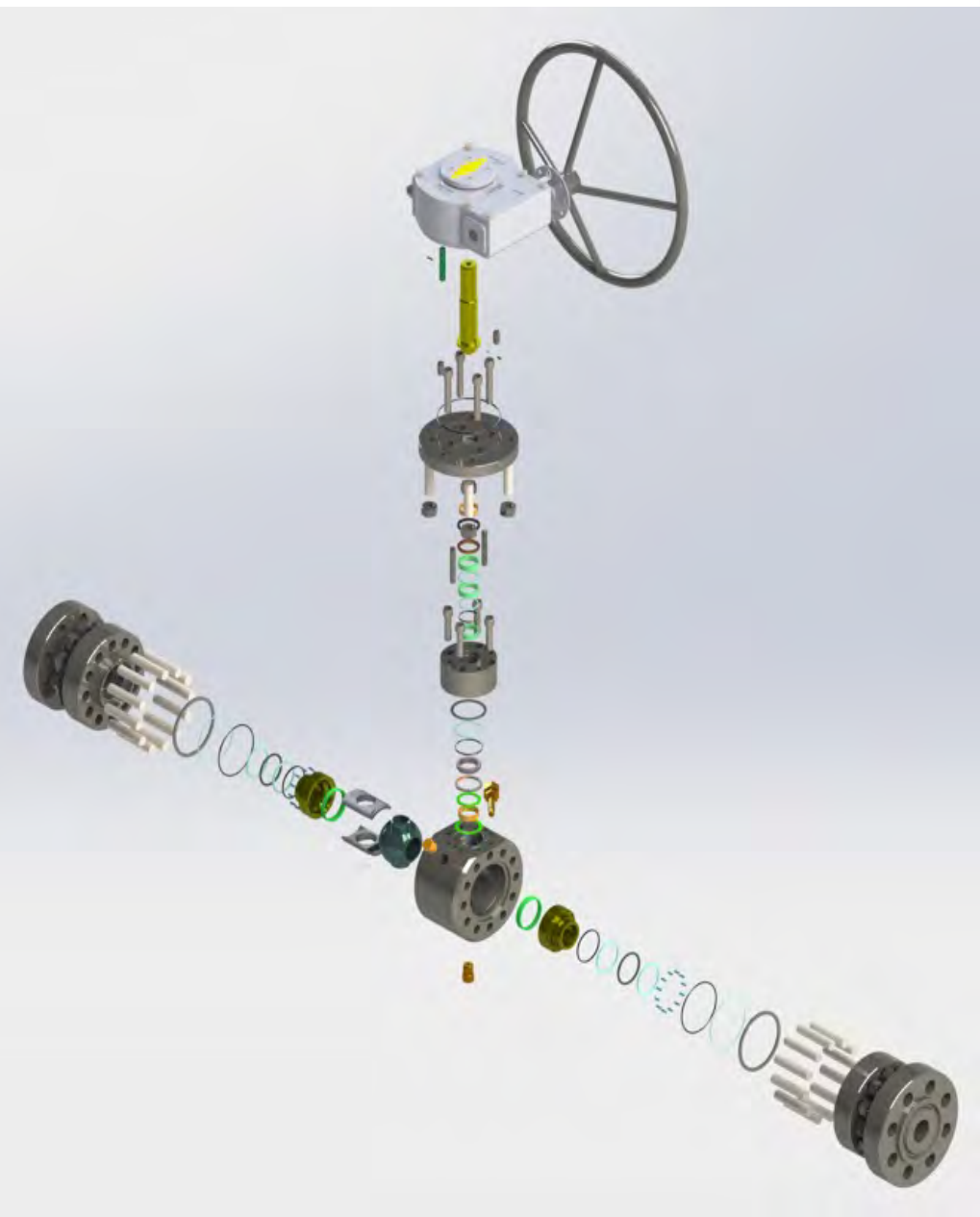
2" to 4"-ANSI CLASS 900# & 1500#



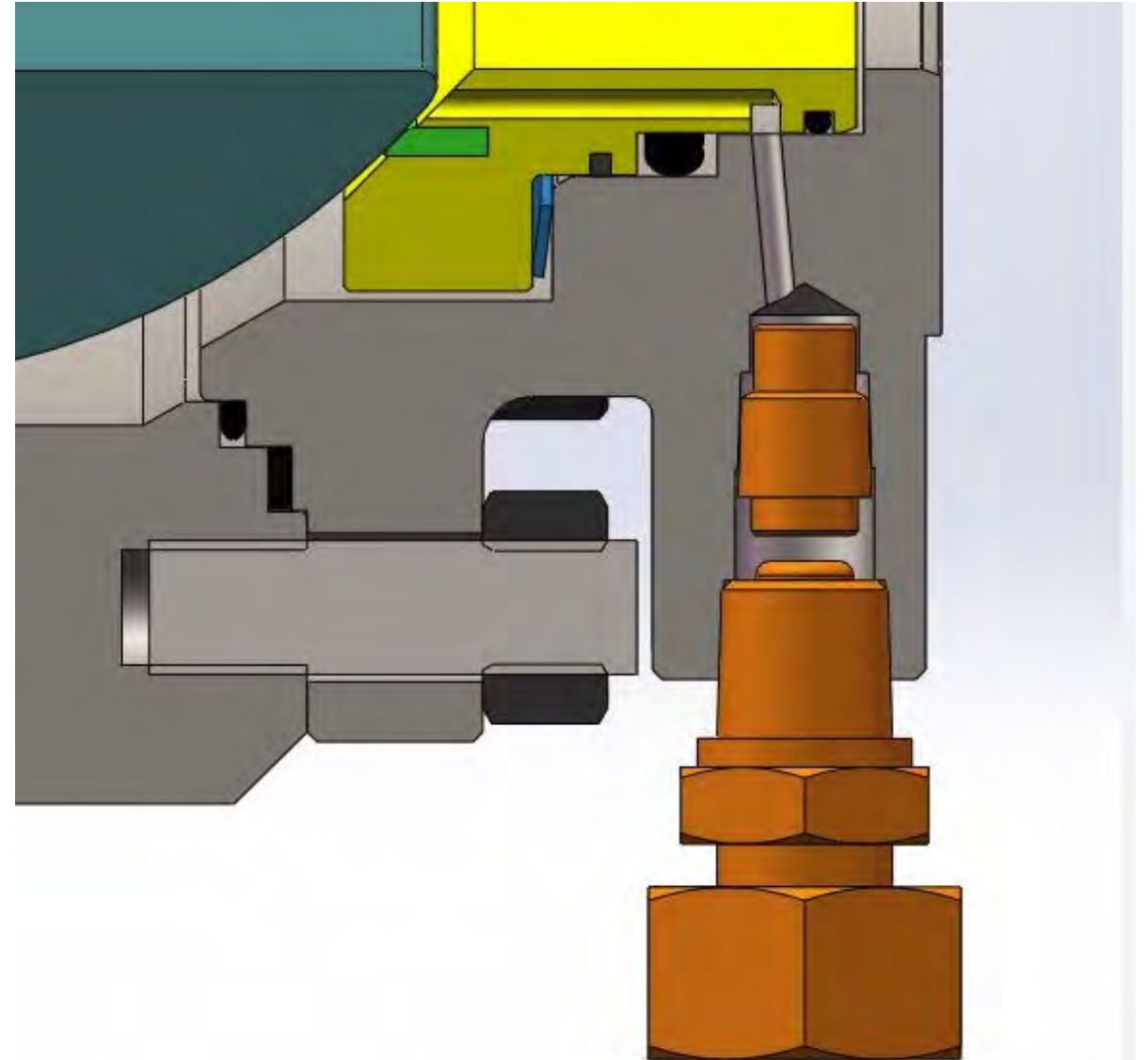
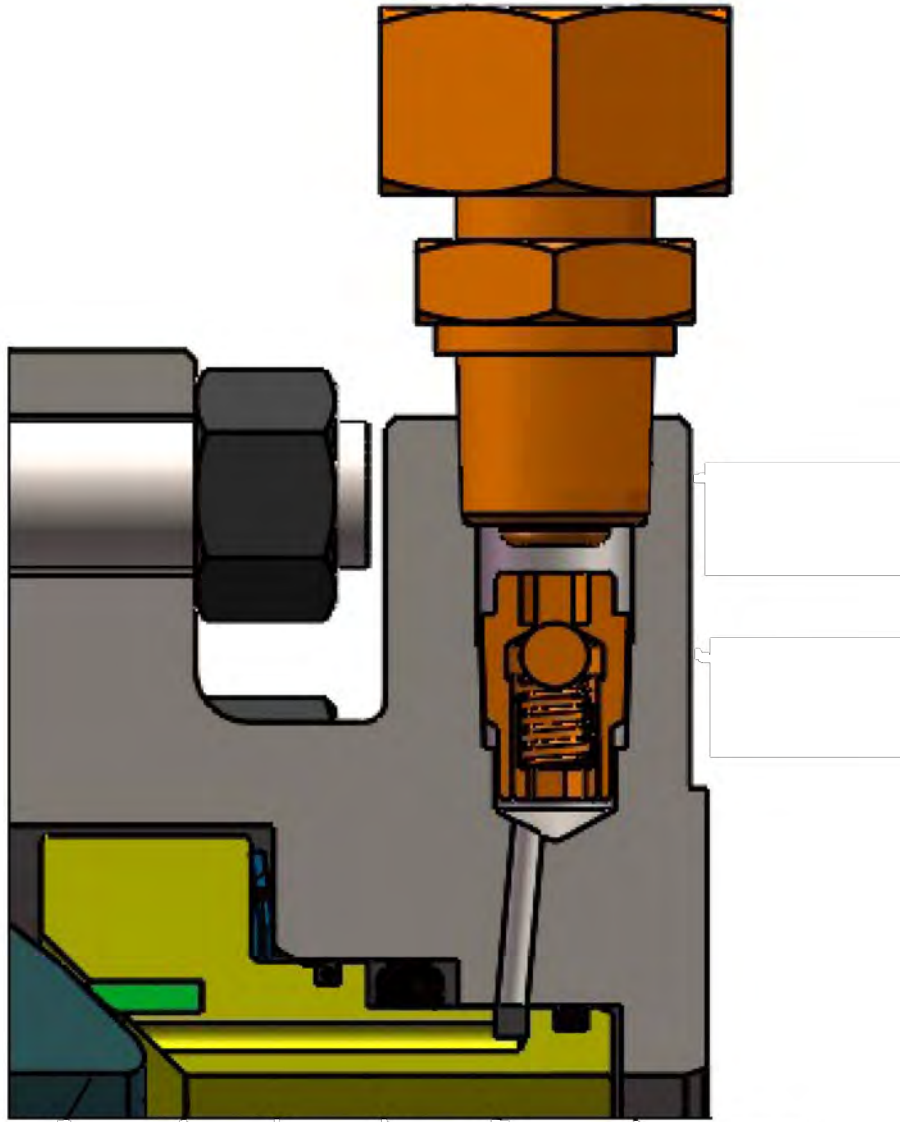
2" to 4"-ANSI CLASS 2500#



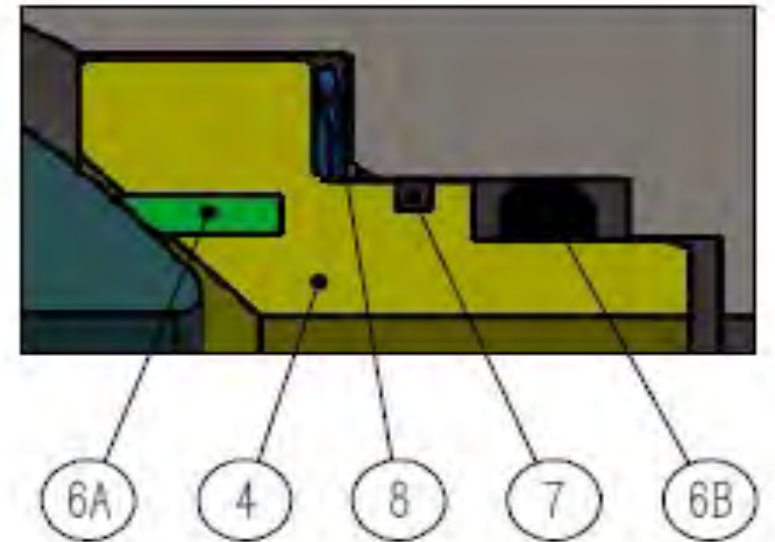
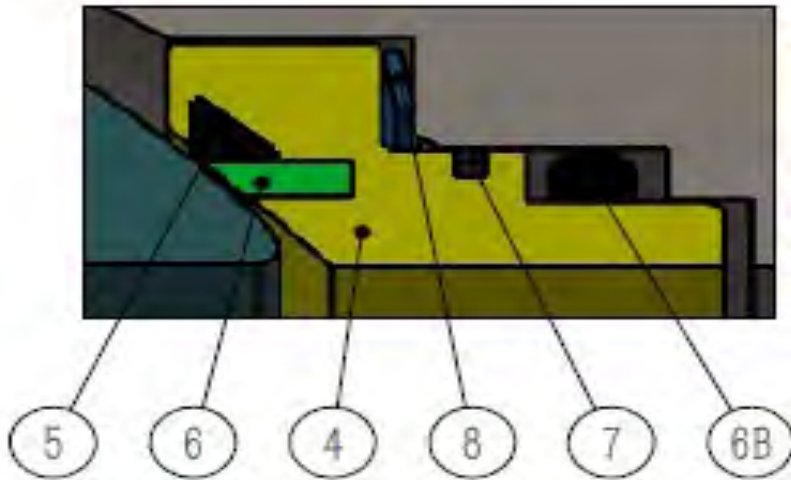
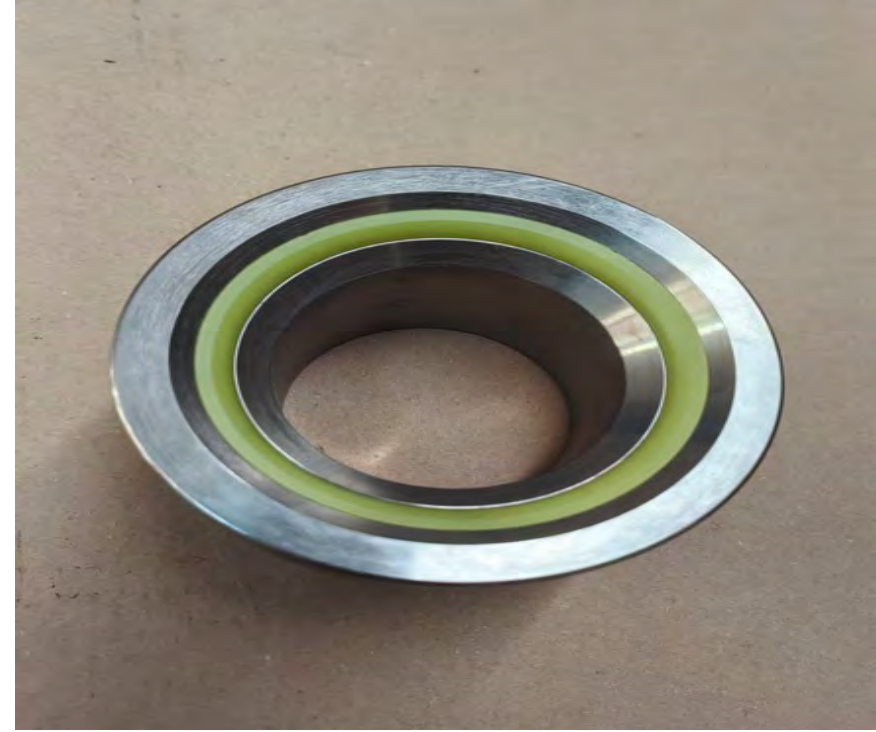
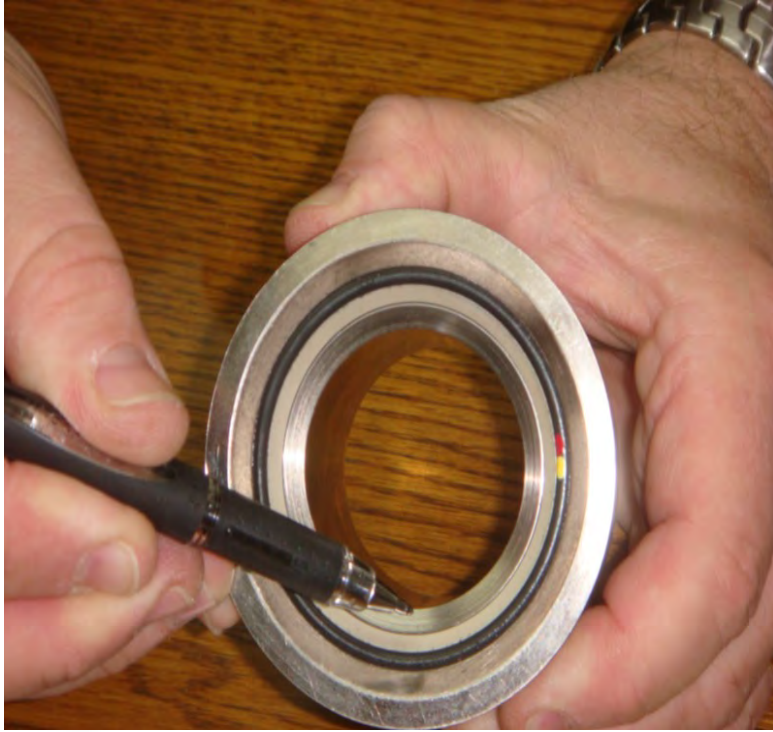
2" to 4"-ANSI CLASS 2500#



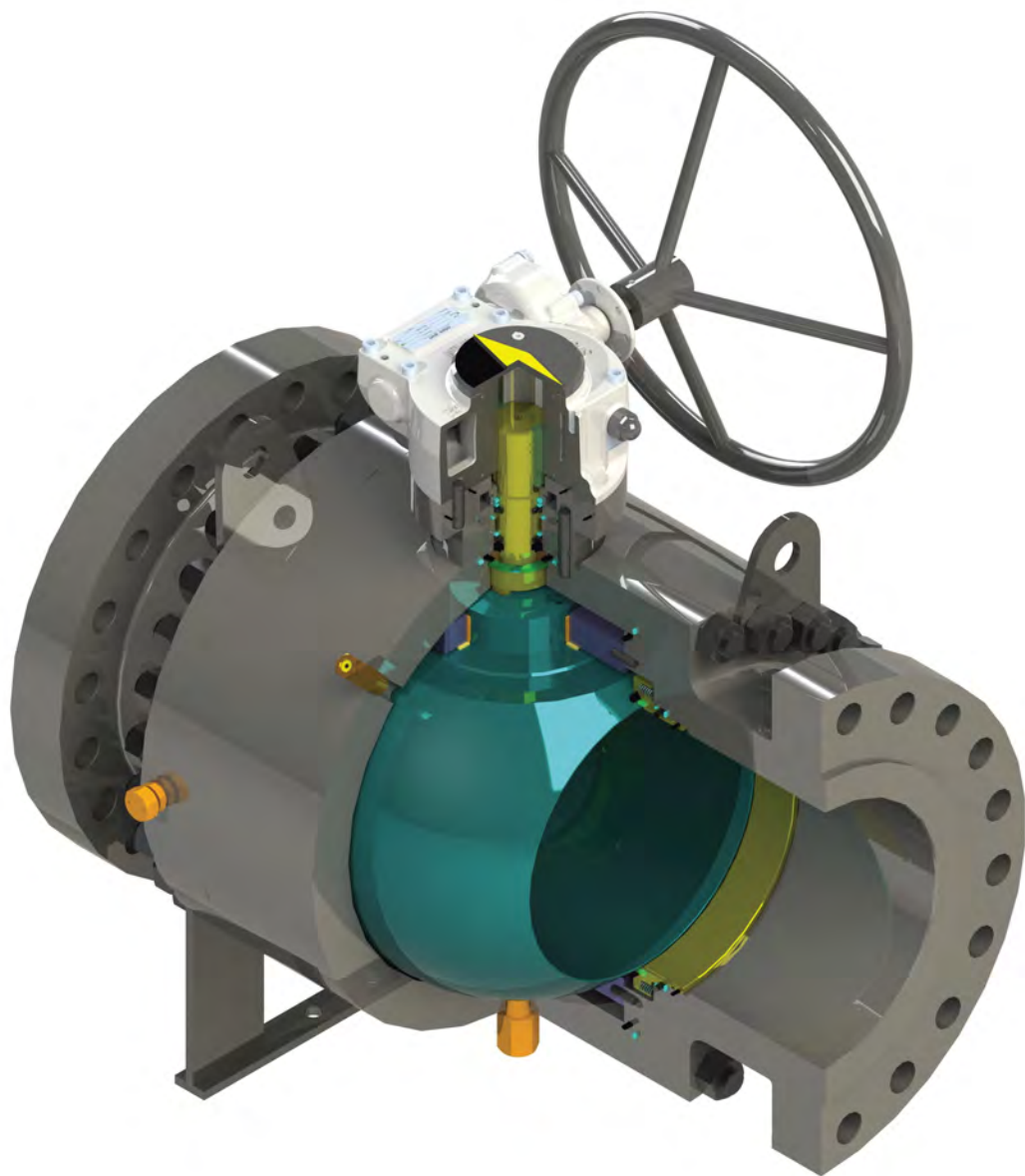
EMERGENCY SEAT INJECTION PORTS (OPTIONAL)



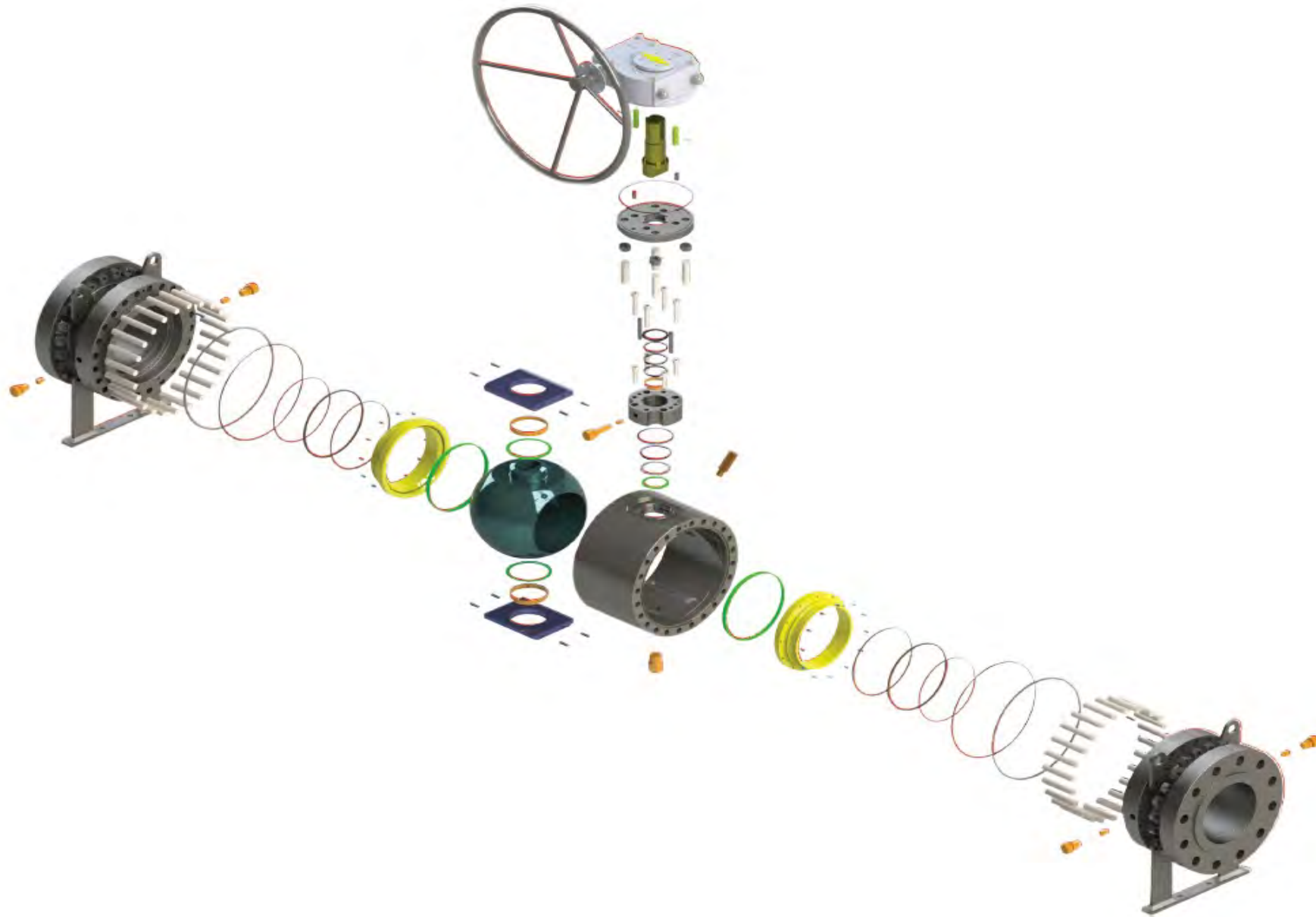
SEAT ASSEMBLY – DUAL SEAT & SINGULAR SEAT



6" & LARGER ANSI CLASS 150# - 2500#

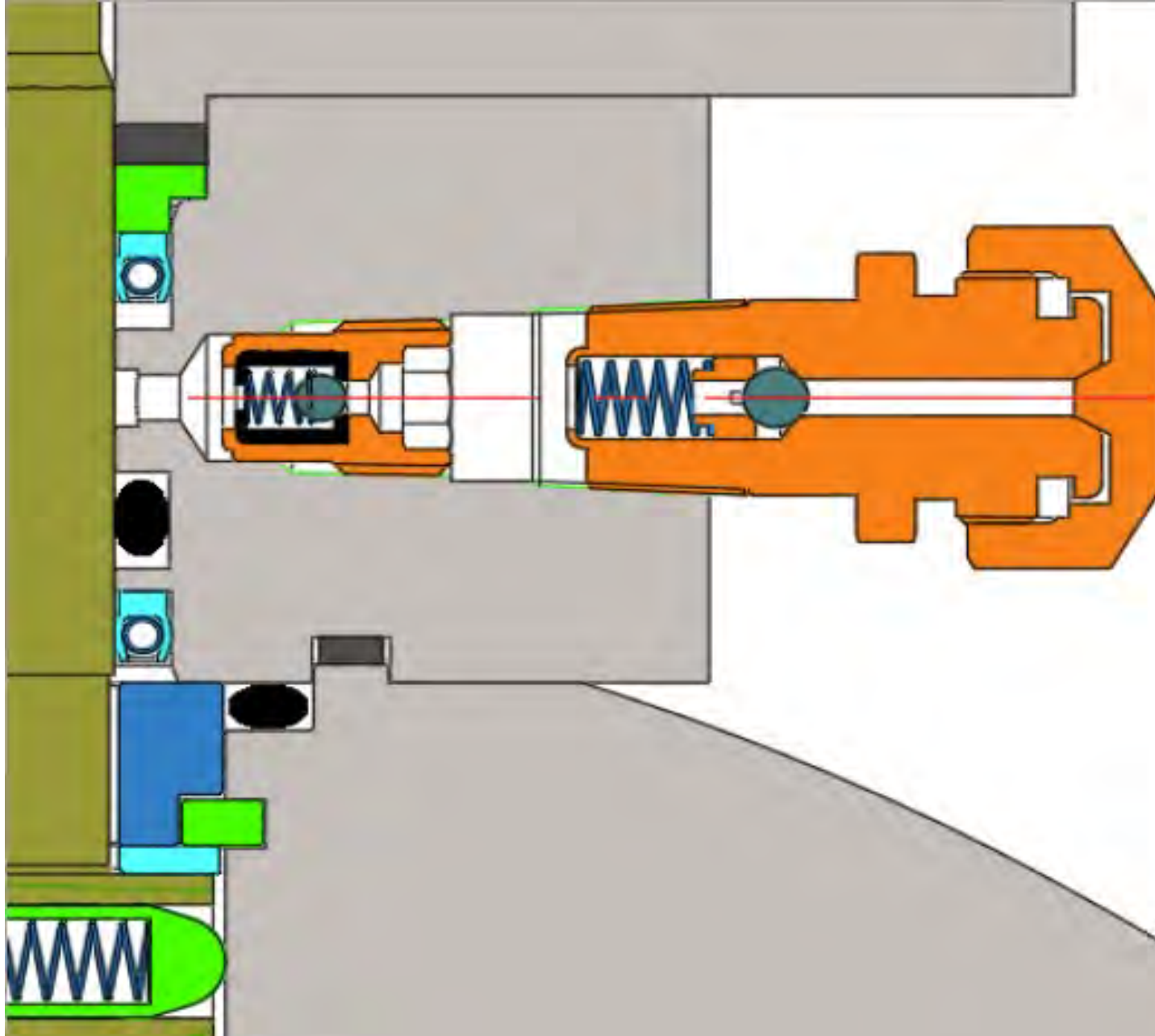


6" & LARGER ANSI CLASS 150# - 2500#

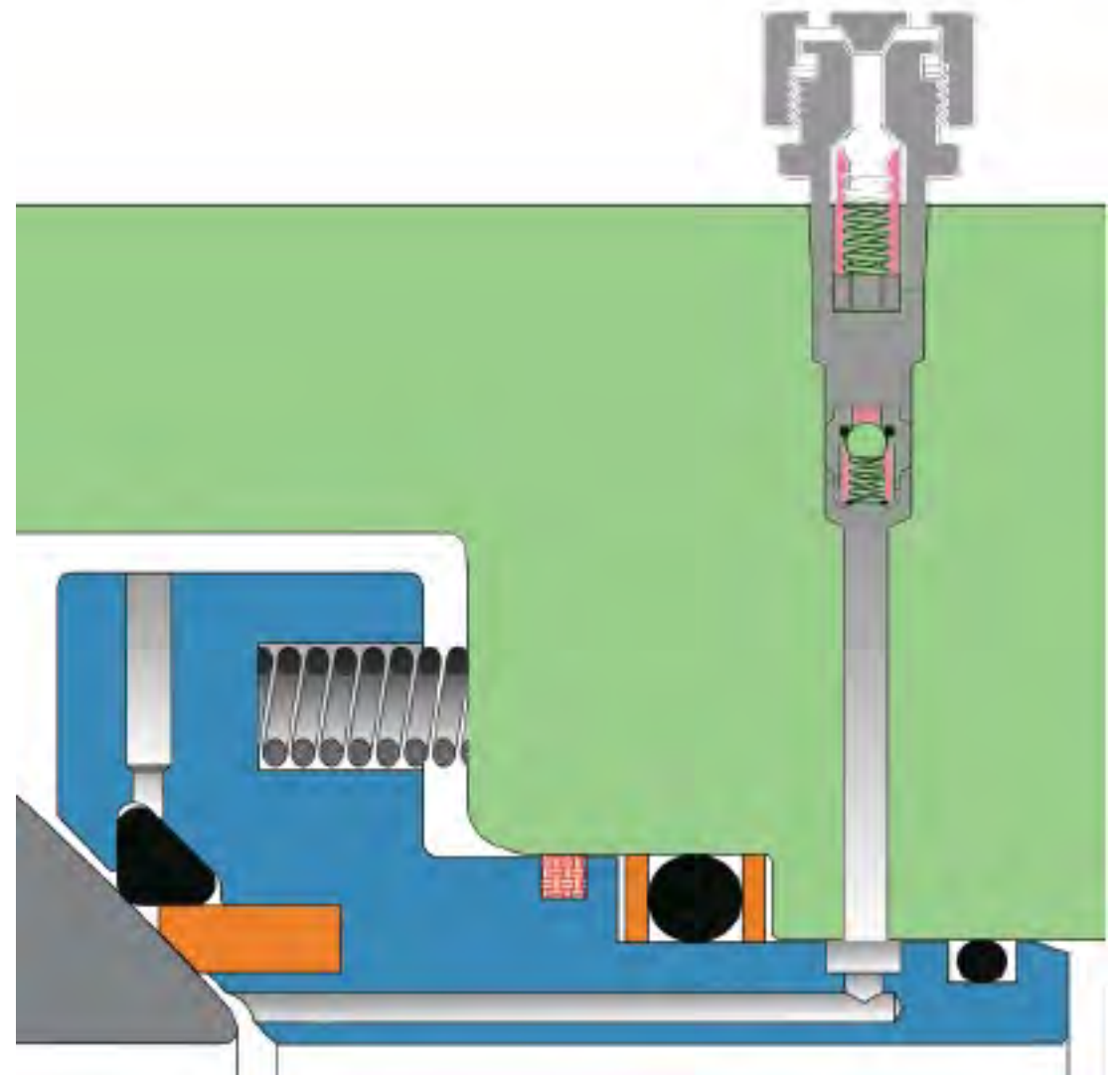
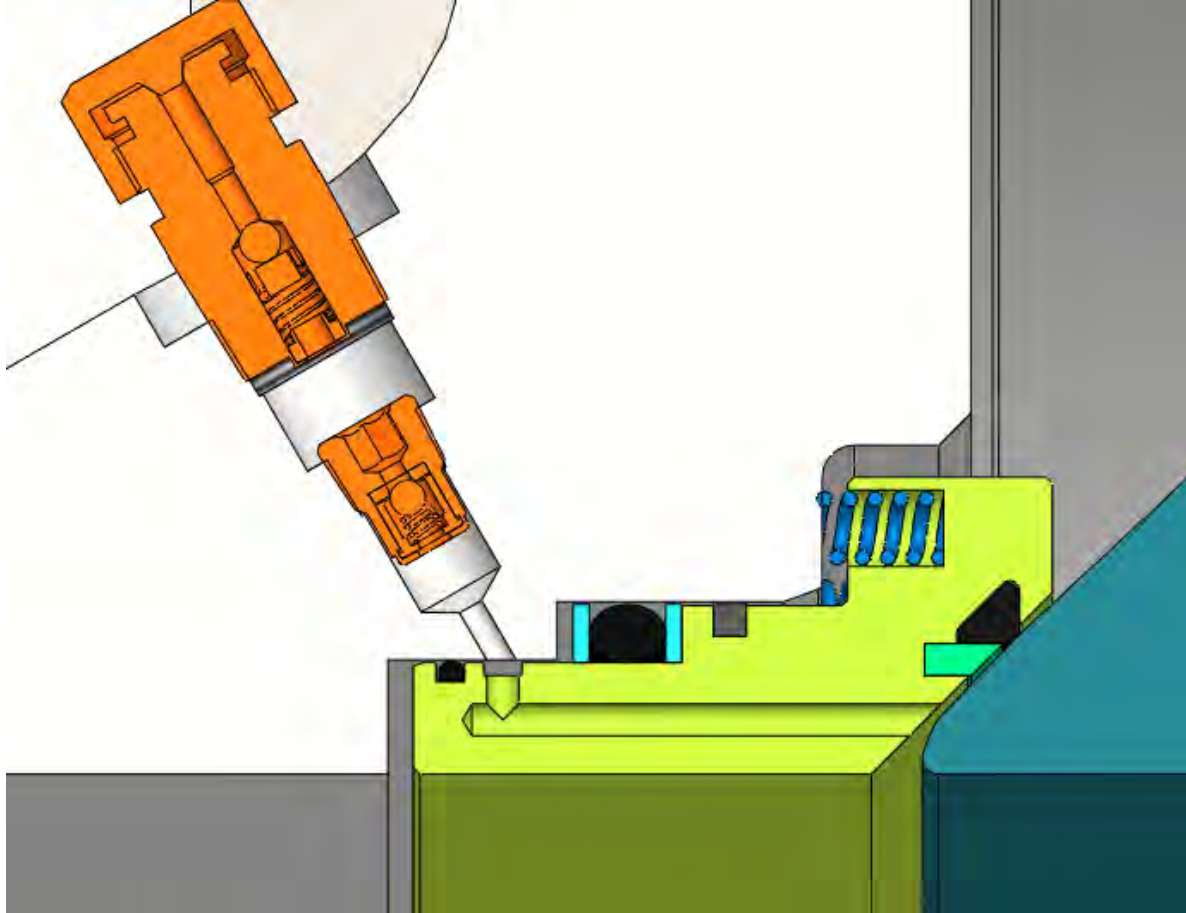


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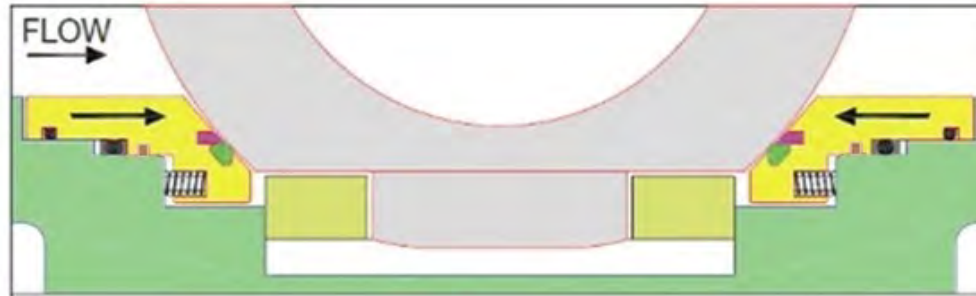
EMERGENCY STEM GREASE INJECTION PORT



EMERGENCY SEAT GREASE INJECTION PORTS

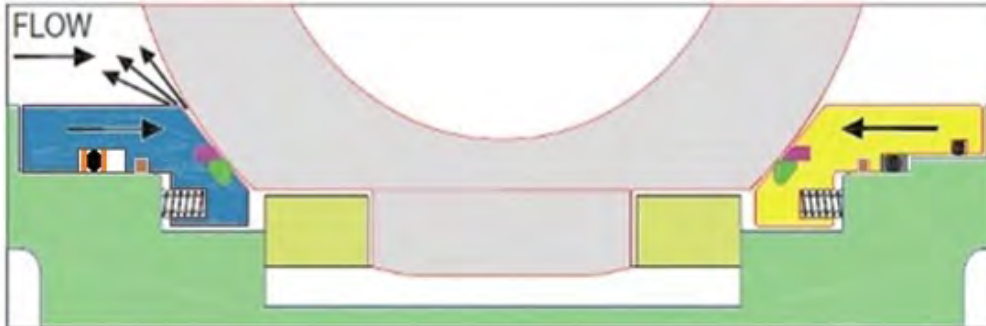


Double Block & Bleed



$$\text{DPE} \times \text{DPE} = \text{DIB 1}$$

Double Piston Effect



$$\text{SPE} \times \text{DPE} = \text{DIB 2}$$

Single Piston x Double Piston Effect



$$\text{SPE} \times \text{SPE}$$

Single Piston x Single Piston Effect

CAVITY RELIEF DEVICES



VENT PLUG & BLEED DRAIN

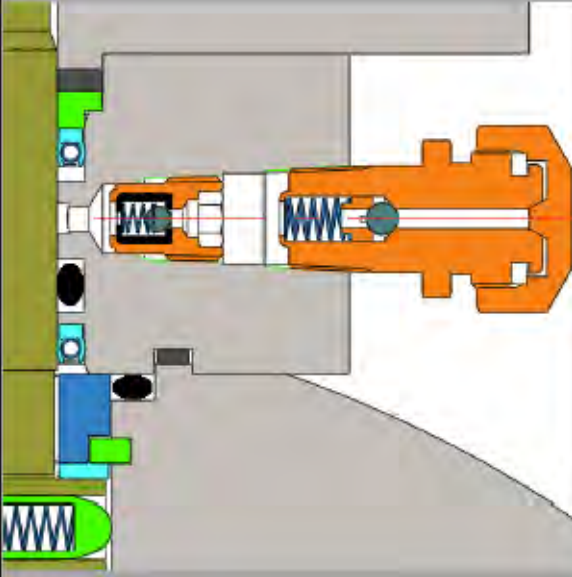


FUGITIVE EMISSION STEM SEALING SYSTEM FOR VARIOUS APPLICATIONS



GVS® Trunnion Mounted Ball Valves Fugitive Emission Certified designs

Rev. 06, Date: Aug 04, 2026

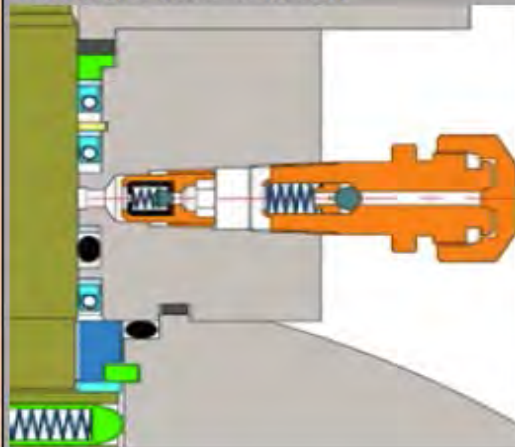
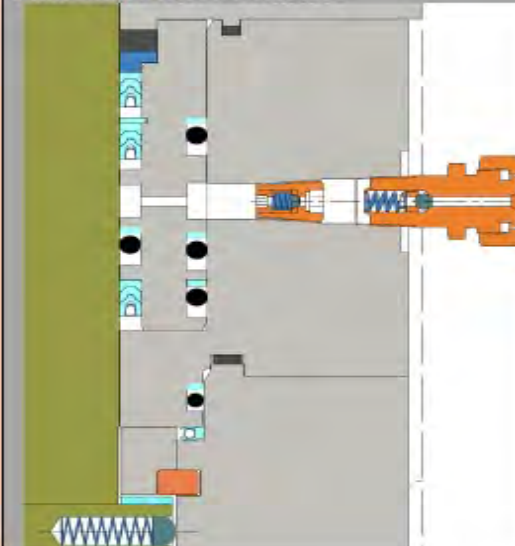
No.	Test Valve / Stem Design Sketch	Stem Seal Design	Body Seal Design	Certified Temperature	Standard(s)	Qualified ANSI Class	Certificate Number
#1	Tested valve size: 10" ANSI 900 	Stem sealing design is consisted of lower lip seal, middle Elastomer O-ring, upper lip seal and fire safe graphite seal.	The body seals are Elastomer O-rings + graphite seal.	Fugitive emission certified to +200°C (+392°F)	ISO 15848-1 endurance class CO3 tightness class AM	ANSI 150 to ANSI 900	ISO 15848-1 certificate 219322 dated: Jul 22, 2019
		Standardization (unless quoted otherwise): This design is standardized on bolted body valve model GB2 trim codes 04, 15, 60, 62, 70 and 72, sizes 6" and larger, ANSI classes 150 to 900 (Qualified Stem diameter range: 37.5 mm to 150 mm.) ➤ Certified range codes 04, 60, 62, 70 and 72: - ANSI 150: Size 6" to 30" - ANSI 300: Size 6" to 30" - ANSI 600: Size 6" to 30" - ANSI 900: Size 6" to 24" ➤ Certified range code 15: - ANSI 150: Size 6" to 24" - ANSI 300: Size 6" to 24" - ANSI 600: Size 6" to 24" - ANSI 900: Size 6" to 16" Note: This valve was additionally continued for cycle testing to 25,000 after fugitive emission certification was accomplished upon 2,500 cycles with tightness class AM.					

FUGITIVE EMISSION STEM SEALING SYSTEM FOR VARIOUS APPLICATIONS



GVS® Trunnion Mounted Ball Valves Fugitive Emission Certified designs

Rev. 06, Date: Aug 04, 2026

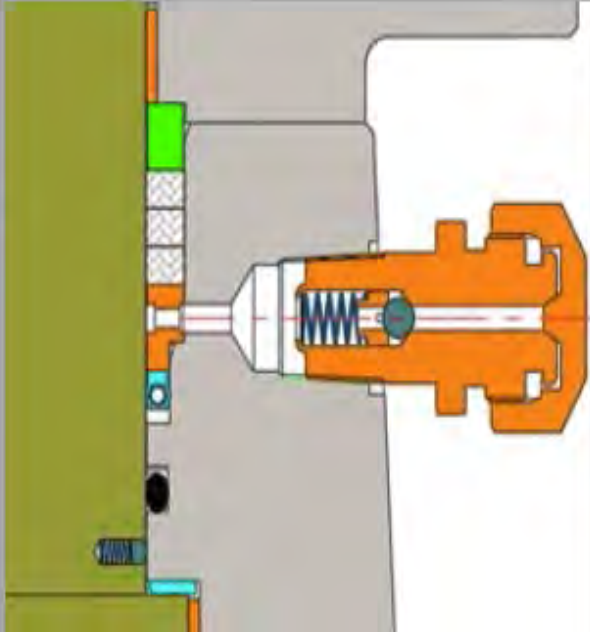
No.	Test Valve / Stem Design Sketch	Stem Seal Design	Body Seal Design	Certified Temperature	Standard(s)	Qualified ANSI Class	Certificate Number
#2	Tested valve size: 4" ANSI 2500 	Stem sealing design is consisted of lower lip seal, two upper lip seals and top fire safe graphite seal. The 8" ANSI 1500 valve has been certified with stem seals carrier with three Oring seals to stem bonnet. This design is certified without the middle O-ring so if required by service conditions, the Oring could be removed.	The body seals are spiral wound graphite filled gaskets.	4" ANSI 2500: Fugitive emission certified to +240°C (+464°F) 8" ANSI 1500: Fugitive emission certified according to ISO 15848-1 at +120°C (+248°F) And according to API 641-2nd at +120°C (+248°F)	4" ANSI 2500: API 641-1st 8" ANSI 1500: ISO 15848-1 endurance class CO3 tightness class BH and API 641-2nd	ANSI 150 to ANSI 2500	4" ANSI 2500: API 641 certificate: 220106 dated March 12, 020 8" ANSI 1500: API certificate: 316341 dated Dec 21, 2024 ISO certificate: 316272 Dec 21, 2024
	And Tested valve size: 8" ANSI 1500 	Standardization (unless quoted otherwise): These designs are standardized on bolted body valve model B2 trim codes 04, 15, 60, 62, 70 and 72, sizes 2" to 4" ANSI classes 900 to 1500, Model GB2 sizes 2" and larger ANSI 2500, and Model GB2 sizes 6" and larger ANSI 1500 and 2500. Note: the standardization of the 8" ANSI 1500 certified design is with solid stem bonnet design without the stem bushing O-rings. (4" ANSI 2500: Qualified Stem diameter range 28.5 mm to 114 mm.) (8" ANSI 1500: Qualified Stem diameter range 63.5 mm to 254 mm.) ➤ Certified range codes 04, 60, 62, 70 and 72: ANSI 900: Size 3" to 4" ANSI 1500: Size 3" to 36" ANSI 2500: Size 2" to 16" ➤ Certified range code 15: ANSI 900: Size 3" to 4" ANSI 1500: Size 3" to 20" ANSI 2500: Size 2" to 8"					

FUGITIVE EMISSION STEM SEALING SYSTEM FOR VARIOUS APPLICATIONS



GVS® Trunnion Mounted Ball Valves Fugitive Emission Certified designs

Rev. 06, Date: Aug 04, 2026

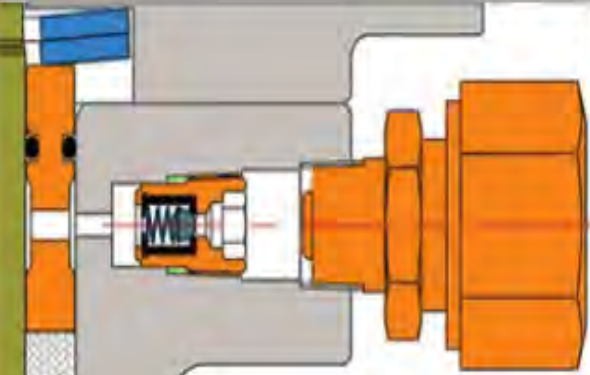
No.	Test Valve / Stem Design Sketch	Stem Seal Design	Body Seal Design	Certified Temperature	Standard(s)	Qualified ANSI Class	Certificate Number
#3		Stem sealing design is consisted of lip seal and one set of compression graphite packings.	The body seals are spiral wound graphite filled gaskets.	Fugitive emission certified according to ISO 15848-1 at +200°C (+392°F) And according to API 641 at +177°C (+350°F)	ISO 15848-1 endurance class CO3 tightness class AM and API 641-1 st	ANSI 150 to 600	API 641 certificate: 221233 dated March 11, 2022 ISO 15848-1 certificate: 221232 dated March 17, 2022
		Standardization (unless quoted otherwise): This design is standardized on bolted body valve model B2 with code 04 sizes 2" to 4" ANSI 300 & 600 and on welded body valves model GW 2" to 4" ANSI 150 to 600 (2-piece body valves) (Qualified Stem diameter range: 12 mm to 48 mm.) ➤ Certified range bolted body model B2 codes 04: ANSI 300 to 600: Size 2" to 4" ➤ Certified range welded body model GW codes 04: ANSI 150 to 600: Size 2" to 4"					

FUGITIVE EMISSION STEM SEALING SYSTEM FOR VARIOUSAPPLICATIONS



GVS® Trunnion Mounted Ball Valves Fugitive Emission Certified designs

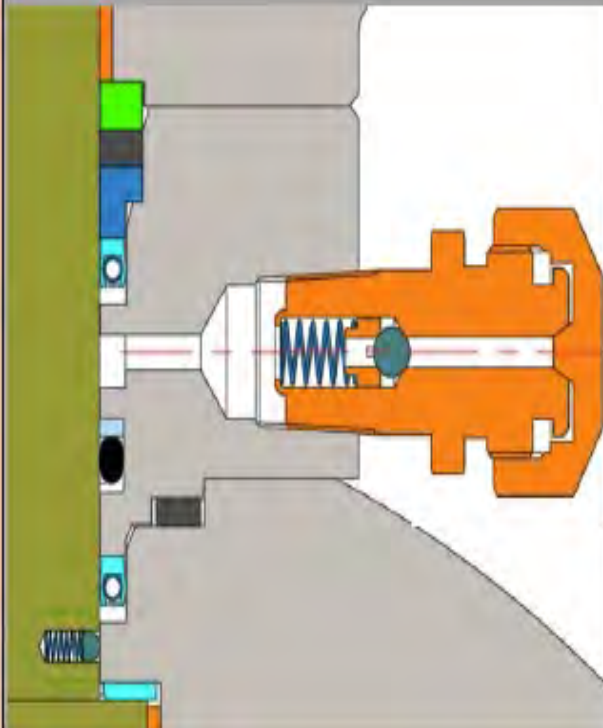
Rev. 06, Date: Aug 04, 2026

No.	Test Valve / Stem Design Sketch	Stem Seal Design	Body Seal Design	Certified Temperature	Standard(s)	Qualified ANSI Class	Certificate Number
#4		Stem sealing design is consisted of multi-layer compression graphite packings live loaded with spring discs.	The body seals are spiral wound graphite filled gaskets only.	Fugitive emission certified to +350°C (+662°F) According to both API 641-1st and ISO 15848-1	API 641-1 st And ISO 15848-1 endurance class CO2 tightness class CH	ANSI 150 to ANSI 600 And to ANSI 1500 Pending	API certificate: 219548 dated Jan 07, 2020 ISO certificate: 219547 dated Jan 10, 2019
		Standardization (unless quoted otherwise): This design is standardized on bolted body valve model B1 and GB1 code 14 sizes 2" and larger ANSI classes 150 to 2500 (Qualified Stem diameter range: 16.4 mm to 65.6 mm, and to 189.6 mm Pending) ➤ Certified range model B1 codes 14: - ANSI 150: Size 2" to 10" (up to 24" pending) - ANSI 300: Size 2" to 10" (up to 24" pending) - ANSI 600: Size 2" to 10" (up to 24" pending) - ANSI 900: Size 2" to 16" (pending) - ANSI 1500: Size 2" to 16" (pending)					

FUGITIVE EMISSION STEM SEALING SYSTEM FOR VARIOUS APPLICATIONS



GVS® Trunnion Mounted Ball Valves Fugitive Emission Certified designs
Rev. 06, Date: Aug 04, 2026

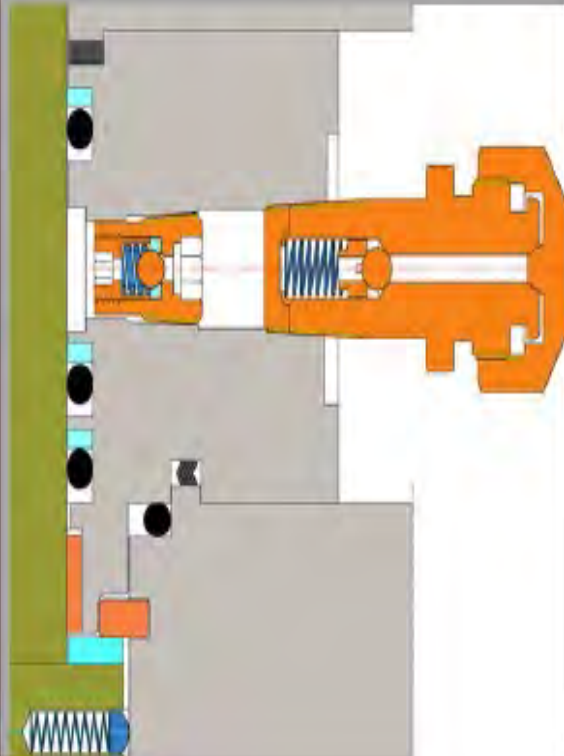
No.	Test Valve / Stem Design Sketch	Stem Seal Design	Body Seal Design	Certified Temperature	Standard(s)	Qualified ANSI Class	Certificate Number
#5		Stem sealing design is consisted of lower lip seal ¹ , upper lip seal and graphite seal.	The body seals are spiral wound graphite filled gasket.	Fugitive emission certified according to ISO 15848-1 at +120°C (+248°F) And according to API 641-2 nd at +121°C (+250°F)	ISO 15848-1 endurance class CO3 tightness class AM and API 641-2 nd	ANSI 150 to ANSI 1500	API certificate: M 3242451 dated Oct 08, 2024 ISO certificate: M 324 246 1 dated Oct 14, 2024
		Standardization (unless quoted otherwise): This design is standardized on bolted body model B2 code 04 sizes 2" to 4" ANSI 150, and sizes 2" to 4" reduced port ANSI 300 and 600 and sizes 2" to 4" ANSI 300 and 600 codes 15, 60, 62, 70, 72 sizes 2" to 4" ANSI 150 to 600, and. (3-pc body design) (Qualified Stem diameter range: 15 mm to 60 mm.) ➤ Certified range model B2 and B3 codes 04, 15, 60, 62, 70, 72: ANSI 150 to 600: Sizes 2" to 4"					

FUGITIVE EMISSION STEM SEALING SYSTEM FOR VARIOUS APPLICATIONS



GVS® Trunnion Mounted Ball Valves Fugitive Emission Certified designs

Rev. 06, Date: Aug 04, 2026

No.	Test Valve / Stem Design Sketch	Stem Seal Design	Body Seal Design	Certified Temperature	Standard(s)	Qualified ANSI Class	Certificate Number
#6		Stem sealing design is consisted of three O-rings and fire safe graphite seal.	The body seals are Oring + spiral wound graphite filled gasket.	Fugitive emission certified according to API 641-2 nd at +121°C (+250°F)	API 641-2 nd	ANSI 150 to ANSI 1500	IN-SUZ-5805-25016 dated Dec 01, 2025
		Standardization (unless quoted otherwise): This design is standardized on bolted body model B2 code 00 sizes 2" to 4" ANSI 150 to 1500 and model GB2 code 00 sizes 6" to 24" ANSI 150 to 600. (Qualified Stem diameter range: 17.5 mm to 150 mm.) ➤ Certified range model B2 codes 00: ANSI 150 to 1500: Sizes 2" to 4" ANSI 150 to 600: Sizes 6" to 24"					

FUGITIVE EMISSION STEM SEALING SYSTEM FOR VARIOUS APPLICATIONS



GVS® Trunnion Mounted Ball Valves Fugitive Emission Certified designs

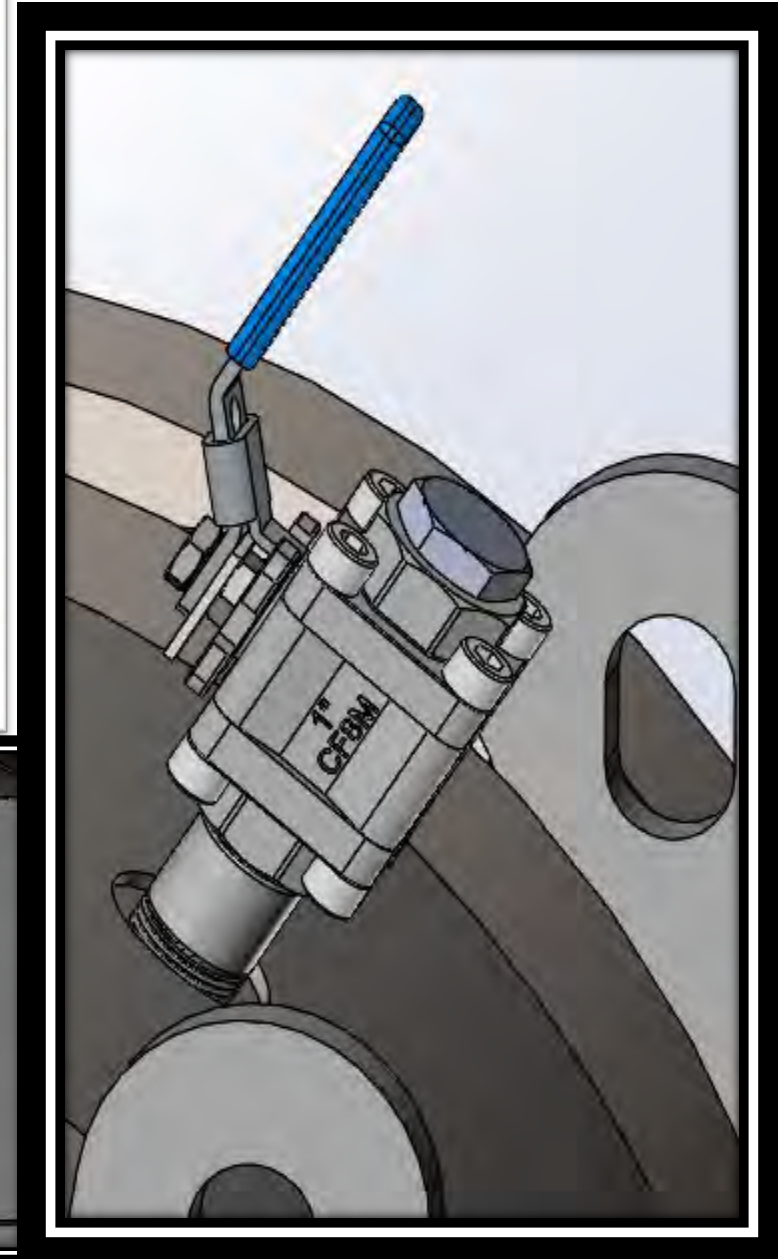
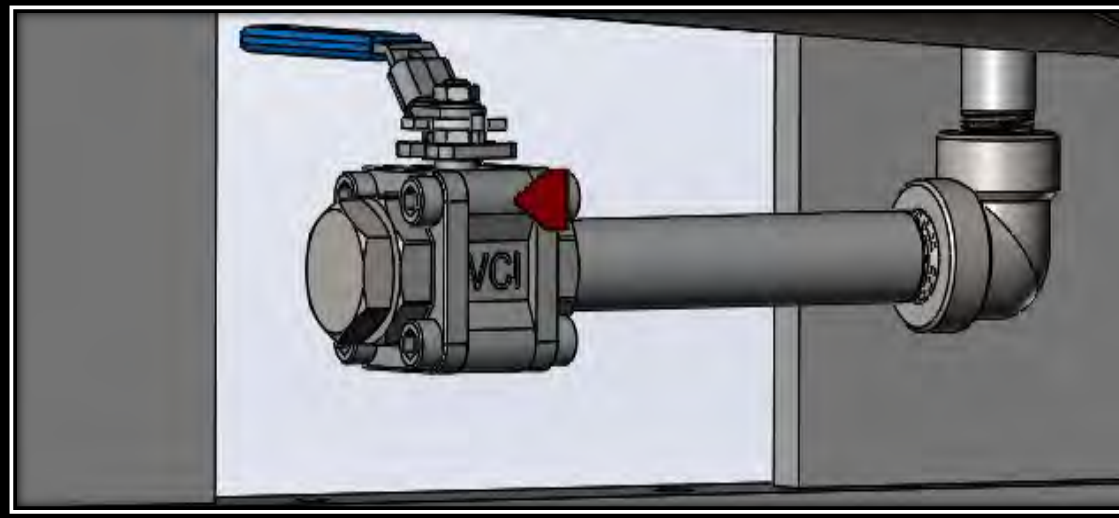
Rev. 06, Date: Aug 04, 2026

No.	Test Valve / Stem Design Sketch	Stem Seal Design	Body Seal Design	Certified Temperature	Standard(s)	Qualified ANSI Class	Certificate Number
#7		Stem sealing design is consisted of three O-rings and fire safe graphite seal. This design utilizes a stem seals carrier with three Oring seals to stem bonnet.	Not applicable, fully welded body design.	Pending	API 641-2 nd And ISO15848-1	ANSI 150 to 600	Pending
		Standardization (unless quoted otherwise): This design is standardized on fully welded body valves model GW code 04 or 04_9 sizes 6" and larger all ANSI classes. (Qualified Stem diameter range: 45 mm to 180 mm. Pending) ➤ Certified range model GW codes 04 and 04_9: - ANSI 150: Sizes 6" to 42" - ANSI 300: Sizes 6" to 42" - ANSI 600: Sizes 6" to 42"					

Notes:

- 1-The Lip seals materials are PTFE, RTFE, PEEK, PHB Filled PTFE, + Elgiloy, depending on the pressure, temperature and service conditions.
- 2-The elastomeric material selection must respect the temperature range as specified in fugitive emission certification. Example for line 1 FKM with minimum +200C temperature range.
- 3- the lower temperature limit of the elastomeric seals must be defined at valve design and material selection. Example for western Canadian ambient the upper elastomeric seal must be suitable for -51°C.

DRAIN & TOP VENT SYSTEM (OPTIONAL)



LEVER OPERATOR LOCKING DEVICE



GEAR OPERATORS 30% FULL WITH LOW TEMP GREASE





36" ANSI CLASS 1500#



24" ANSI CLASS 600# BALL VALVES WITH STEM EXTENSIONS



36" ANSI CLASS 1500#



GVS[®] API 6A (10K) BALL VALVE



10" ANSI CLASS 600 FINISHED BALL VALVES



FINISHED BALL VALVES -SPECIAL COATINGS AVAILABLE



TRUNNION MOUNTED WELDED BODY BALL VALVES

GUIDE VALVE
LIMITED

**GVS® Trunnion Mounted
Welded Body Ball Valves**

GVS®

Fugitive Emission Certified to:
API STANDARD 641
ISO 15848-1: ENDURANCE CLASS C03
TIGHTNESS CLASS AM
ISO 15848-1: ENDURANCE CLASS C02
TIGHTNESS CLASS CH

Firesafe Certified to:
API STANDARD 607
API STANDARD 6FA
B.S. 6755 PART 2
ISO 10497 : 2010





TRUNNION MOUNTED METAL SEATED BALL VALVES



GUIDE VALVE
LIMITED

GVS® Trunnion Mounted Metal Seated Ball Valves

GVS®

FEATURES

- Bolted body type, 3 piece
- Trunnion mounted, double block and bleed
- Full and reduce bore
- All forged steel components
- Double piston effect, self relieving seats, or combination of the two seat designs
- Anti-blow out stem design per API 608
- Anti-Static devices
- **Fugitive Emission Certified**
- **Firesafe Certified to API Standards 607 & 6FA**
- Emergency grease stem sealing
- Emergency grease Seat-to-Ball sealing available
- Optional shut-off ratings
- NACE MR0175 SOUR
- Size Range: 1" to 60"
- ANSI Class: 150 to 2500#

SIL 3 CERTIFIED
TYPE A
ROUTE 24

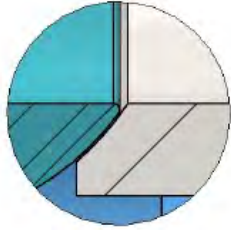
sales@gvs-vci.com

www.gvs-vci.com

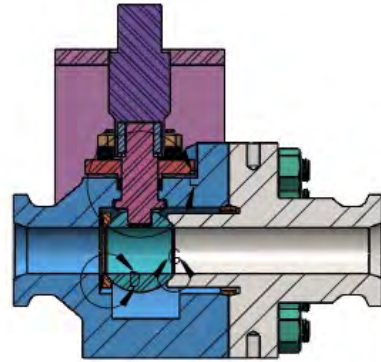


GVS® SEVERE SERVICE BALL VALVES

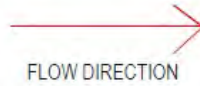
Metal Seal



DETAIL G
DOWNSTREAM SEAT TO BALL
SCALE 2 : 1.5

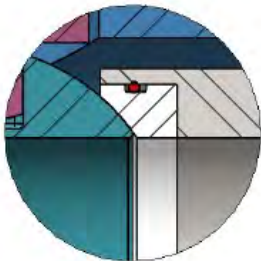


SECTION B-B
SCALE 1 : 5

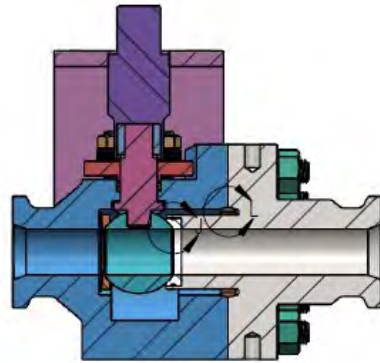


FLOW DIRECTION

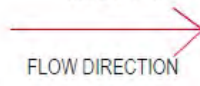
Soft Seal



DETAIL J
DOWNSTREAM SEAT TO BALL
SCALE 1 : 1



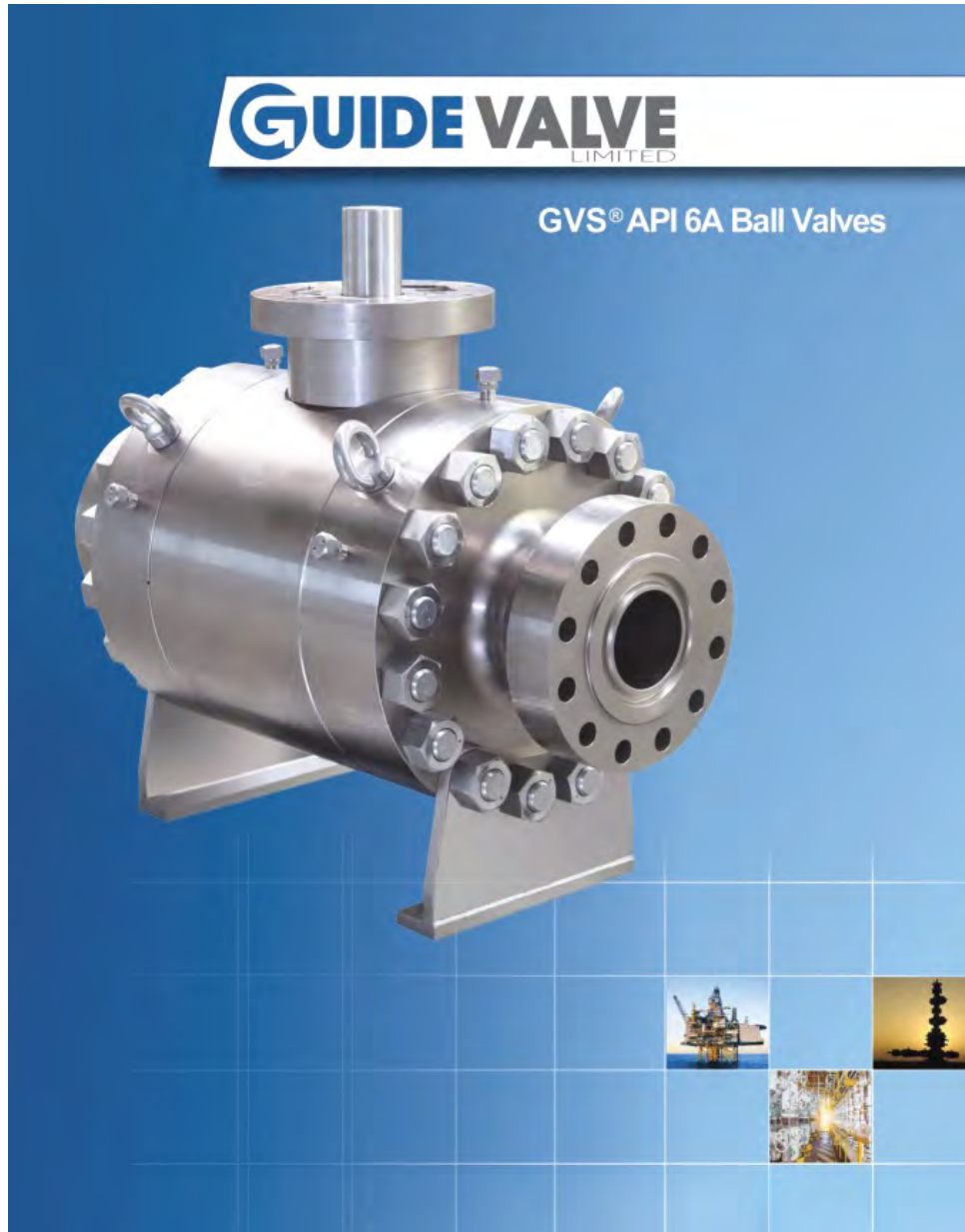
SECTION F-F
SCALE 1 : 5



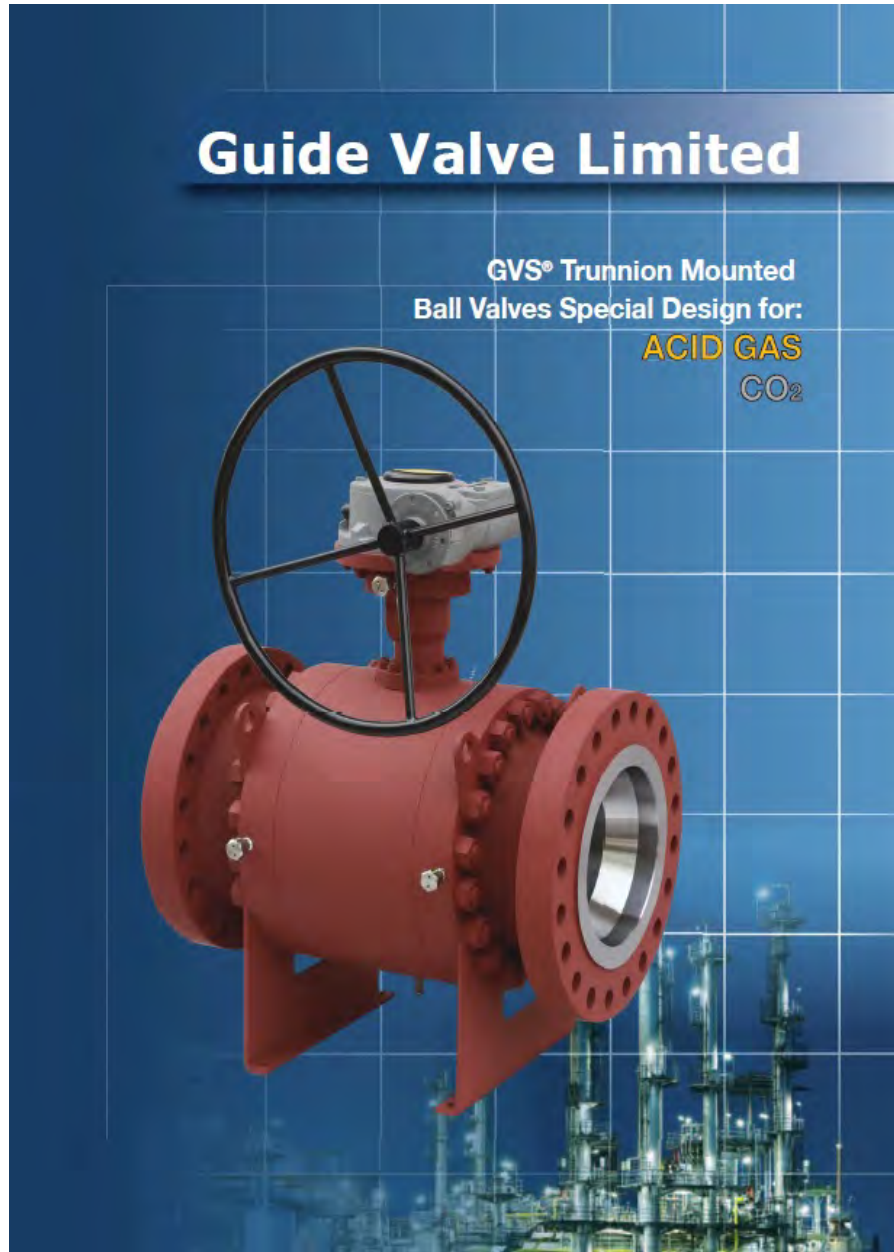
FLOW DIRECTION



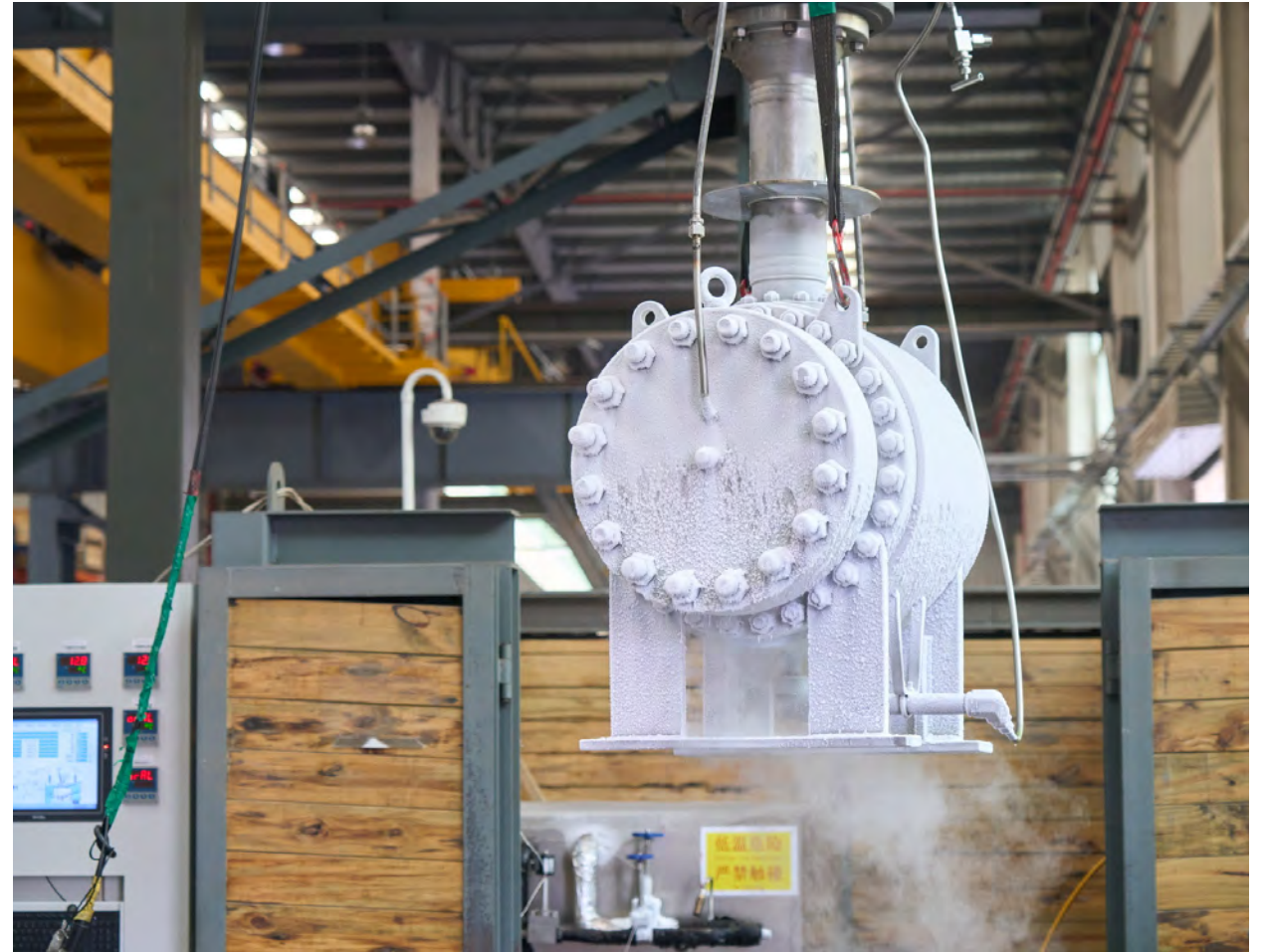
GVS[®] TRUNNION MOUNTED API 6A BALL VALVES



GVS® TRUNNION MOUNTED CO2-ACID GAS & AMINE BALL VALVES



GVS® TRUNNION MOUNTED CRYOGENIC BALL VALVES



GVS[®] ACTUATORS

