

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.



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 6A-2250

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-6A** 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: **6A-2250**

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: Gate, Ball, Plug Valves at PSL 1, PSL 2, PSL 3, PSL 4

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



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 SERIES F200K TWO WAY BALL VALVE



PATENTED – BLEED PORT



US00D748759S

(12) **United States Design Patent**
Lo Cicero

(10) **Patent No.:** **US D748,759 S**
(45) **Date of Patent:** **** Feb. 2, 2016**

(54) **VALVE FLANGE WITH BLEED PORT**

(71) Applicant: **Guide Valve Limited**, Vaughan (CA)
(72) Inventor: **Calogero Lo Cicero**, Woodbridge (CA)
(73) Assignee: **Guide Valve Limited**, Vaughan, Ontario (CA)

(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/497,530**

(22) **Filed:** **Jul. 25, 2014**

(51) **LOC (10) CL** **23-01**

(52) **U.S. CL** **D23/233**
USPC **D23/233**

(58) **Field of Classification Search**

USPC D23/233–237, 244–249; 137/15.07,
137/15.08, 15.04; 251/214, 149.1, 273
CPC F16K 41/02; F16K 41/04; F16K 41/046;
F16K 41/00; F16K 1/2268

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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D726,877	S *	4/2015	Trent et al.	D23/233
2005/0205824	A1 *	9/2005	Osborne	251/305
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OTHER PUBLICATIONS

No patent novelty search was performed in this case and neither the Applicant nor the undersigned are aware of any prior art devices or documents which they believe to be material to the invention as claimed. This document is being supplied for informational purposes to the Examiner and is evidence of our desire to comply with the duty of disclosure.

* cited by examiner

Primary Examiner – Cynthia Ramirez
(74) *Attorney, Agent, or Firm* — Emerson Thomson Bennett, LLC

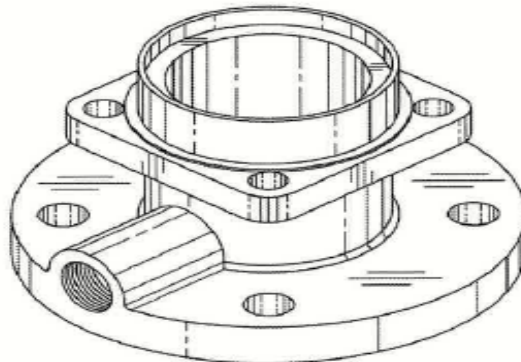
(57) **CLAIM**

The ornamental design for a valve flange with bleed port, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the valve flange with bleed port;
FIG. 2 is a top plan view of the valve flange with bleed port;
FIG. 3 is a bottom plan view of the valve flange with bleed port;
FIG. 4 is a front view of the valve flange with bleed port;
FIG. 5 is a back view of the valve flange with bleed port;
FIG. 6 is a left side view of the valve flange with bleed port;
FIG. 7 is a right side view of the valve flange with bleed port;
FIG. 8 is a cross sectional view of the valve flange with bleed port taken along line 8-8 of FIG. 2; and,
FIG. 9 is a perspective view of the valve flange with bleed port shown in its environment.
The broken lines shown in FIG. 9 are included for the purpose of illustrating environment and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



ISO-15848-1 FUGITIVE EMISSION CERTIFICATION

ISO 15848-1:2015
Methane Fugitive Emission Test Report

Performed for

Guide Valve Limited

www.gvs-vci.com



½ inch Floating Ball Valve – 2 Piece Design –
ANSI 300 – Flanged Ends
Product Code: VCI ½” F200K ANSI 300

Project Number: 216117
Test Start Date: May 12, 2016



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

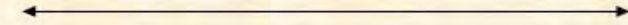
434 Walnut Hill Road
North Yarmouth, ME 04097 USA
(207) 829-5359
info@yarmouthresearch.com
www.yarmouthresearch.com

ISO 15848-1:2015
Methane Fugitive Emission Test Report

Performed for

Guide Valve Limited

www.gvs-vci.com



3 inch Floating Ball Valve – 2 Piece Design –
ANSI 300 – Flanged Ends
Product Code: VCI 3” F200K ANSI 300

Project Number: 216117
Test Start Date: May 12, 2016



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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(207) 829-5359
info@yarmouthresearch.com
www.yarmouthresearch.com

API 607 FIRE SAFE CERTIFICATIONS

Certificate no: SEO1514279
Page: 1 of 1



Valve Fire Type Test in accordance with API 607

Project: ZPC Floating Flanged End Ball Valve
for GUIDE VALVE LIMITED - (Full Bore) Series F200
TRADEMARK - VCI

Client: GUIDE VALVE LIMITED

Office: Energy Korea

Client's Order Number: Not applicable

Date: 29 May 2015

Order Status: complete

Inspection Dates

First: 19 May 2015

Final: 21 May 2015

This certificate is issued to GUIDE VALVE LIMITED TRADEMARK - VCI to certify that the undersigned Surveyor did at their request attend for the purpose of witnessing the "Fire Test for Soft-Seated Quarter Turn Valves" in accordance with the requirements of API Standard 607, 6th Edition.

1. Description

Model	Rating & Size	DWG No.	Body material	Low pressure
(F200K-46)	ASME Class 150 - 2"	B203E-X-10 Rev.5	ASTM A216 Gr. WCB	2bar
(F200K-46)	ASME Class 150 - 4"	B203E-X-10 Rev.5	ASTM A216 Gr. WCB	2bar
(F200K-66)	ASME Class 150 - 3"	B203E-X-10 Rev.5	ASTM A351 Gr. CF8M	2bar

- Other materials : Ball - ASTM A351 Gr. CF8M, Stem - ASTM A276 SS-316, Seat - Polycarbon, Stem Seal - Viton, Stem Packing - Graphite

2. Scope of Examination

- The representative valves for each size selected at random from stocks.
- The calibration records of pressure gauges and thermocouples on the test equipment reviewed and found those measuring devices accordingly maintained.
- Witnessed the fire test in accordance with the aforementioned standards with checking all test parameters.
- The test results were satisfactorily passed the performance tests.
(Report No. B203E-9-01, B203E-C-01 & B203E-B-01)

Based on the above examinations, the ZPC Floating Flanged End Ball Valves described above have been found to comply the applicable standards.

Lloyd's Register Asia
Signature
Date: 29/05/2015

Jun-Pyo Park
Surveyor to Lloyd's Register Asia

A subsidiary of Lloyd's Register Group Limited

SIL CERTIFICATION



ES Ltd.
Engineering Safety

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 scoped 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 scoped valves are as follows:

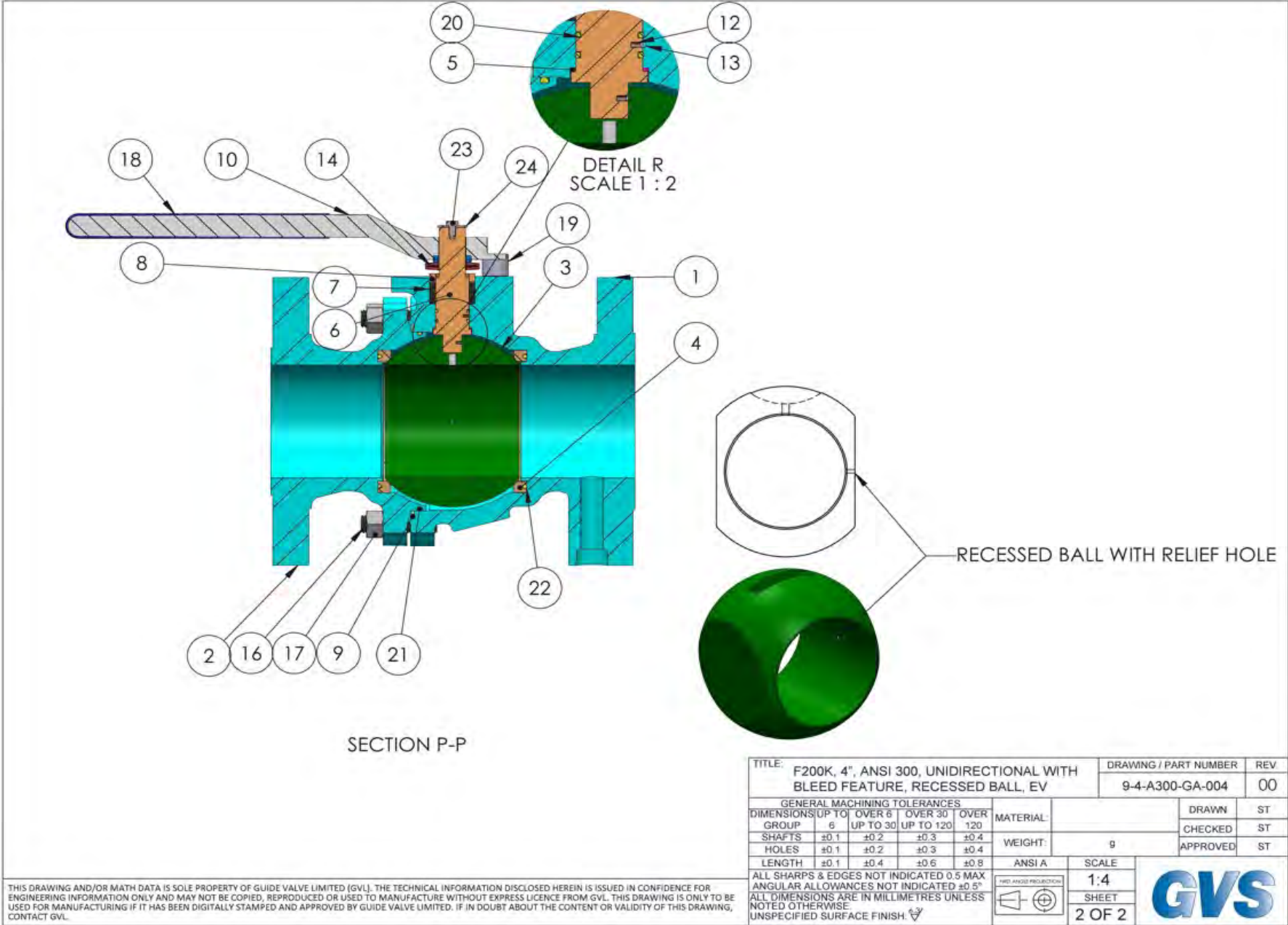
1. GVS Trunnion Mounted Soft Seated Ball Valves.
2. GVS Trunnion Mounted Metal to Metal Ball Valve.
3. GVS Special Trim Valves wet or dry.
4. GVS Triple Seated Ball Valves.
5. VCI Floating Type Valves.

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

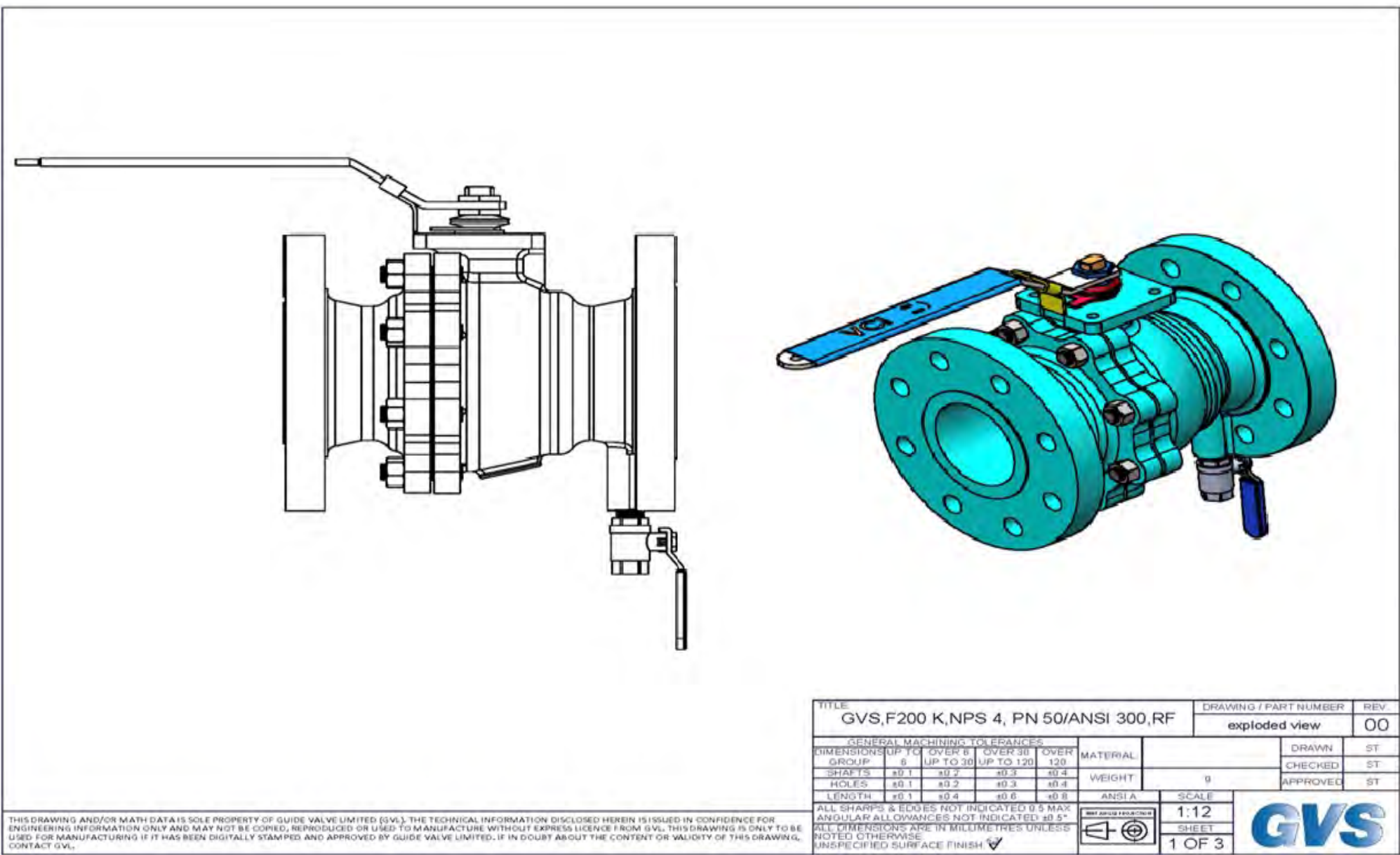
Systematic Capability

The process associated with design, development and management of the manufacturing process for the scoped 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.

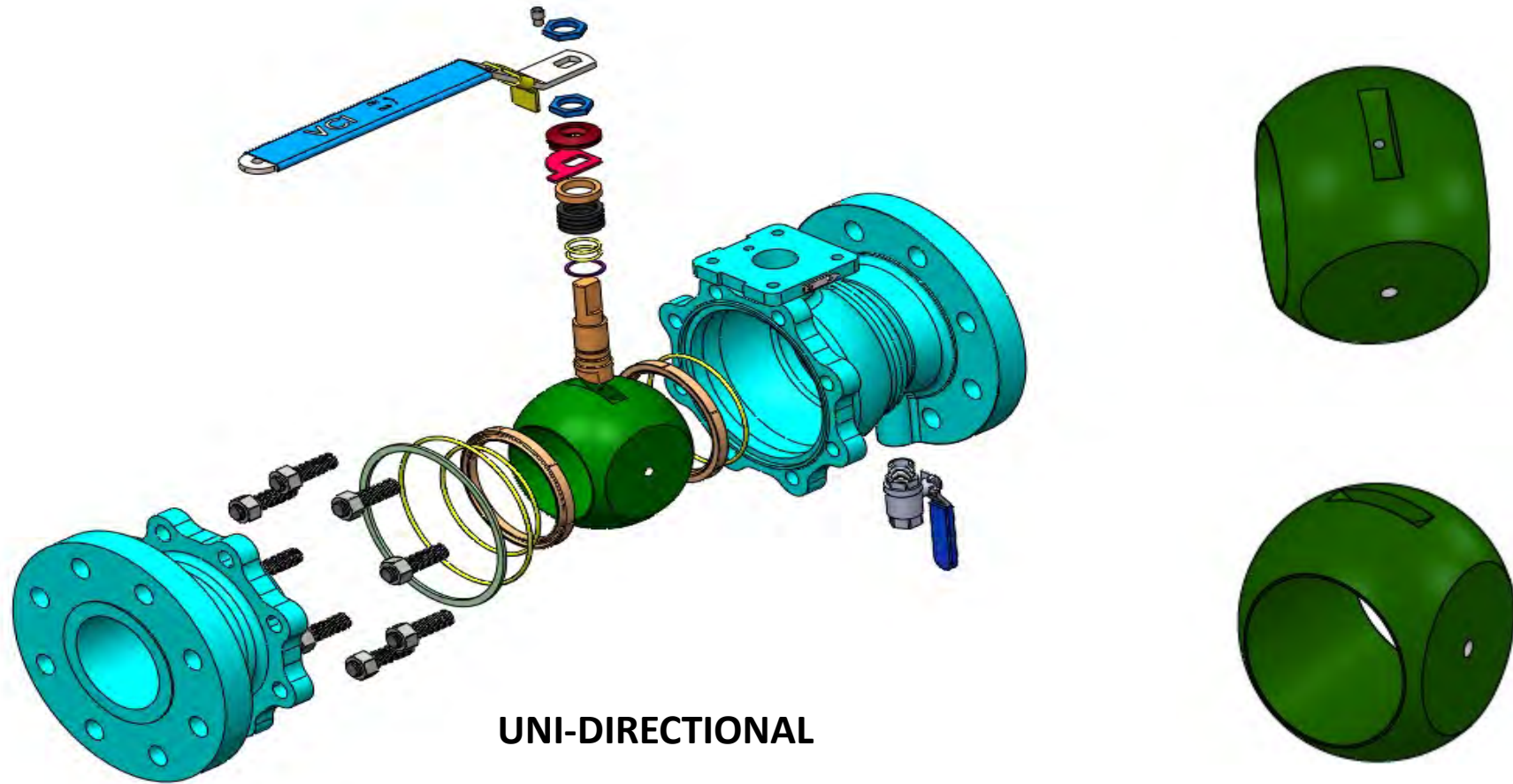
SECTIONAL VIEW WITH BLEED PORT & RECESSED BALL



Two-Way Floating Ball Valve with Patented Bleed Port



Patented Bleed Port & Recessed Ball



SERIES F200K – ANSI CLASS 150# & 300#

FEATURES and BENEFITS

- Floating Ball Design
- Resin Seats
- Triple Stem Seals –Self Energized
- Bolted Body Design
- Fire Safe Certified
- Fugitive Emission Certified
- Patented Built -in Bleed Feature

= Bi-directional

= Multiple Available selection per application

= Self Adjusting Stem Sealing

= Provides Ease of Assembly & Disassembly - Repairs

= Safety

= Safety for the Environment

= Eliminates the need for Bleed Ring Fittings & Gaskets
Creating Cost Savings & Less Potential Leak Points in Piping System