

February 23, 2026

**Attention:** Jason Woh  
VALVTECHNOLOGIES LLC  
5904 BINGLE ROAD  
HOUSTON, TX 77092

The design submission, Tracking Number 2026-00084, Web Portal Number 2026-S0043, originally received on January 09, 2026 was surveyed and accepted for registration as follows:

**CRN :** 0C25990.2 **Accepted on:** February 23, 2026  
**Reg Type:** NEW DESIGN **Expiry Date:** February 23, 2036  
**Document No.** VALV01-ENG-PSG-001 Rev 1  
**Fitting type:** NPS 4 - 24 Gate Valve

Description	MAWP	Design Temperature
PER ASME B16.34 TABLES		

**The registration is conditional on your compliance with the following notes:**

- This registration is based on the understanding that the valves are in full compliance with the latest edition of ASME B16.34, including size, thickness, and material.

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is B16.34.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any questions don't hesitate to contact me by phone at (587) 943-8739 or fax (403) 291-4545 or e-mail [Otoole@absa.ca](mailto:Otoole@absa.ca).

Sincerely,



O'TOOLE, SEAMUS, E.I.T.



Registered by: RADISAVLJEVIC, ZANA, P. Tech. (Eng.)  
DOP Cert. No. D00003136

**STATUTORY DECLARATION**  
**Registration of Fittings**  
Single or Multiple Fitting Designs within one Fitting Category

I, Jason Woh, Quality Manager  
(name of applicant) (position title) (must be in a position of authority)  
of ValvTechnologies, LLC  
(name of manufacturer)  
located at 5904 Bingle Road, Houston, Texas 77092  
(plant address)



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- comply with the requirements of ASME B16.34 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or  
(title of recognized North American Standard)
- are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the  
(title of code of construction or other applicable document)  
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

**Quality Program Verification and Manufacturing Sites**

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	IsoTech Parallel Slide Gate (PSG)	ISO 9001:2015	See ISO9001 Certificate attached	2027-01-22	DNV	5904 Bingle Rd., Houston, TX 77092 USA
2.						

In support of this application, the following information, calculations and/or test data are attached:

Scope, Drawing No. 241540-001 (Example), Brochure, IOM, and ISO9001 Certificate.

*[Handwritten Signature]*

(Signature of the Declarer)

2026, Jan 7<sup>th</sup>

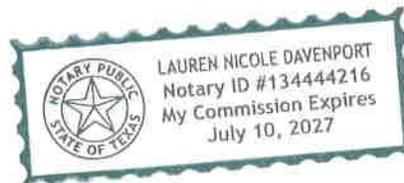
(Date)

DECLARED before me at Houston in the State of Texas  
(city) (province, territory, or state)  
this 7<sup>th</sup> day of January, 2026  
(Month) (Year)

(print) Lauren Davenport  
(a Commissioner of Oaths or Notary Public)

(sign) *[Handwritten Signature]*  
(a Commissioner of Oaths or Notary Public)

07/10/27  
(expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: Texas  
(province, territory, or state)

**For ABSA Office Use Only:**

NOTES: \_\_\_\_\_

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category C.

CRN: 0C25990.2

Registered Date: 2026-02-23

Expiry Date: 2036-02-23

Signature: \_\_\_\_\_

(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2026-00084

**ABSA**

SAFETY CODES ACT - PROVINCE OF ALBERTA

**ACCEPTED: 0C25990.2**

**See acceptance letter for conditions of registration.**

Date: 2026-02-23

Registered by:

ZANA RADISAVLJEVIC, P. Tech. (Eng.)

SEAMUS O'TOOLE, E.I.T.

DOP: D00003136

*[Handwritten Signature]*

*[Handwritten Signature]*

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

**Table 1\*\* Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
1	Body	See Scope file	See Scope file	Not apply	ASME B16.34	ASME B16.34	See Scope file	ASME B16.34	See Brochure

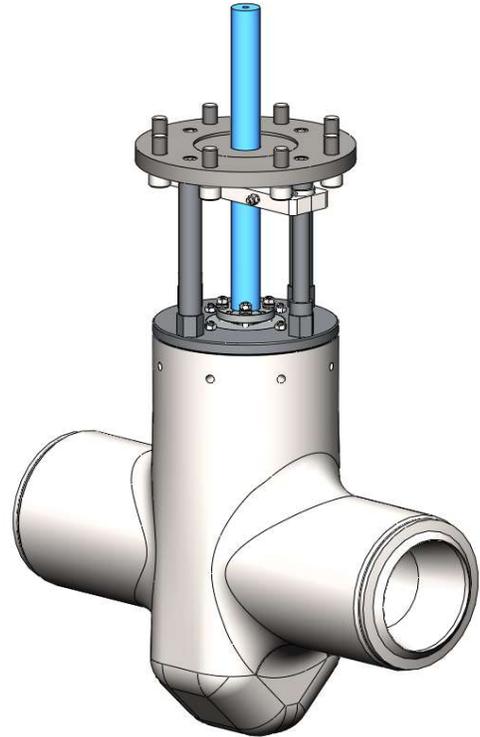
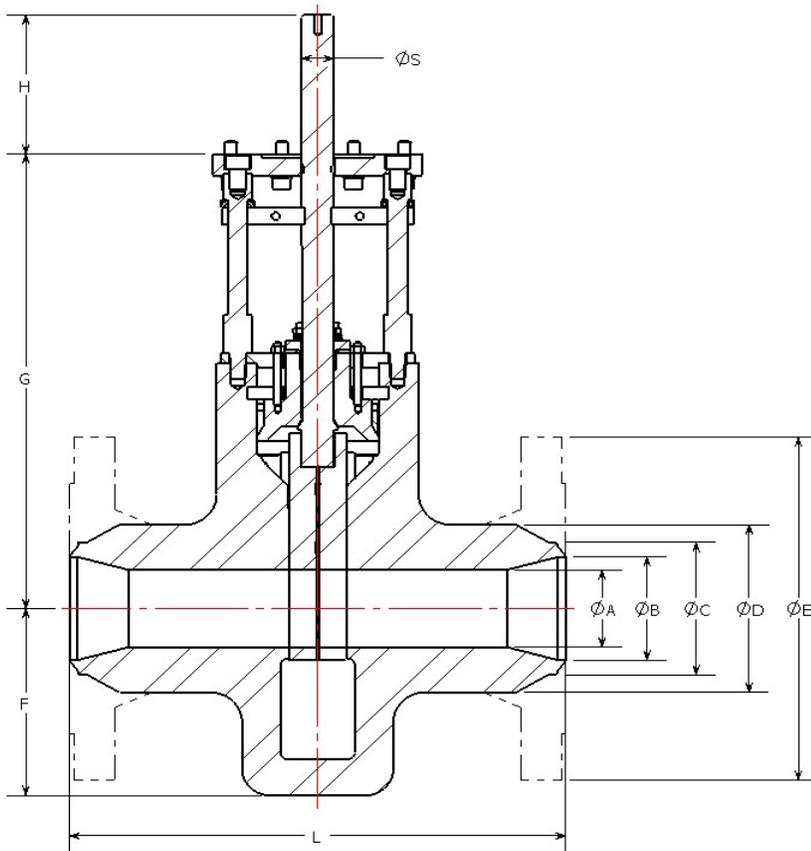
**Table 2 Additional Scope Information**

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: See Scope attachment next page. Series X Options

\*\* For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

# VALV TECHNOLOGIES

## Isotech Parallel Slide Gate Valve Dimensions



- A: Flow Bore
- B: BW Prep ID
- C: BW Prep OD
- D: Neck OD
- E: Flange OD
- L: Overall Length
- F: Centerline to Bottom
- G: Centerline to Mtg Pad
- H: Stem Extension in Open Position (Not Provided)
- S: Stem Diameter

**Notes:**

- Design/drawing does not yet exist.
- Other end connections available upon request.
- Flanges are per B16.5.
- Overall lengths per B16.10, unless noted as special overall length.
- Dim B varies based on customer pipe schedule.
- Valve is pressure seal design, unless noted as bolted bonnet.
- Dimensions shown in inches.

2026-00084

**ABSA**

**SAFETY CODES ACT - PROVINCE OF ALBERTA**

**ACCEPTED: 0C25990.2**

**See acceptance letter for conditions of registration.**

Date: 2026-02-23

Registered by:  
 ZANA RADISAVLJEVIC, P. Tech. (Eng.                      SEAMUS O'TOOLE, E.I.T.)  
 DOP: D00003136

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

NPS	Pressure Class	A	B	C	D	E	L	F	G	S	Min Wall Design	End Connection	Comments	
4	150	3.50	4.026	4.500	9.03	-	17.00	8.66	20.87	1.50	1.61	BW	SPL OAL	
	300	3.50	4.026	4.500	9.03	-	17.00	8.66	20.87	1.50	1.61	BW	SPL OAL	
	600	3.50	4.026	4.500	9.03	-	17.00	8.66	20.87	1.50	1.61	BW		
	900	3.50	3.826	4.500	9.03	-	18.00	8.66	20.87	1.50	1.61	BW		
	1500	3.50	3.438	4.500	9.03	-	21.50	8.66	20.87	1.50	1.61	BW		
	2500	3.50	3.438	4.500	9.03	-	18.00	8.66	20.87	1.50	1.61	BW		
	3500	3.50	2.250	4.500	11.00	-	26.00	10.88	31.49	2.00	3.13	BW		
	4500	3.50	2.250	4.500	11.00	-	26.00	10.88	31.49	2.00	3.13	BW		
6	150	3.50	6.065	6.625	9.03	-	17.00	8.66	20.87	1.50	1.61	BW	SPL OAL	
		5.13	6.065	6.625	6.63	-	15.88	11.57	30.51	2.00	0.75	BW	Bolted Bonnet	
	300	3.50	6.065	6.625	9.03	-	17.00	8.66	20.87	1.50	1.61	BW	SPL OAL	
		5.13	6.065	6.625	6.63	-	15.88	11.57	30.51	2.00	0.75	BW	Bolted Bonnet	
	600	3.50	6.065	6.625	9.03	-	22.00	8.66	20.87	1.50	1.61	BW		
		5.13	5.189	-	6.63	14.00	22.00	11.57	30.51	2.00	0.75	RF	Bolted Bonnet	
	900	3.50	5.761	6.625	9.03	-	20.00	8.66	20.87	1.50	1.61	BW		
		5.13	5.761	6.625	11.00	-	24.00	12.40	30.12	2.00	2.41	BW		
	1500	3.50	5.189	6.625	9.03	-	22.00	8.66	20.87	1.50	1.61	BW		
		5.13	5.189	6.625	11.00	-	27.75	12.40	30.12	2.00	2.41	BW		
	2500	3.50	4.897	6.625	9.03	-	24.00	8.66	20.87	1.50	1.61	BW		
		5.13	4.897	6.625	11.00	-	24.00	12.40	30.12	2.00	2.41	BW		
	3500	3.50	4.897	6.625	11.00	-	26.00	10.88	31.49	2.00	3.13	BW		
	4500	3.50	4.897	6.625	11.00	-	26.00	10.88	31.49	2.00	3.13	BW		
	8	150	5.13	7.981	8.625	6.63	-	16.50	11.57	30.51	2.00	0.75	BW	Bolted Bonnet
			8.06	7.981	8.625	11.00	-	16.50	15.88	35.39	2.50	1.00	BW	Bolted Bonnet
300		5.13	7.981	8.625	6.63	-	16.50	11.57	30.51	2.00	0.75	BW	Bolted Bonnet	
		8.06	7.981	8.625	11.00	-	16.50	15.88	35.39	2.50	1.00	BW	Bolted Bonnet	
600		5.13	7.981	8.625	6.63	-	23.00	11.57	30.51	2.00	0.75	BW	Bolted Bonnet	
		5.13	7.981	8.625	11.00	-	23.00	12.40	30.12	2.00	2.41	BW	HP derated	
		8.06	7.981	8.625	11.00	-	23.00	15.88	35.39	2.50	1.00	BW	Bolted Bonnet	
900		3.50	7.625	8.625	9.03	-	24.00	8.66	20.87	1.50	1.61	BW	SPL OAL	
		5.13	7.625	8.625	11.00	-	29.00	12.40	30.12	2.00	2.41	BW		
		8.06	7.625	8.625	14.50	-	29.00	17.00	38.54	2.50	2.91	BW		
1500		3.50	6.813	8.625	9.03	-	24.00	8.66	20.87	1.50	1.61	BW	SPL OAL	
		5.13	6.813	8.625	11.00	-	28.00	12.40	30.12	2.00	2.41	BW		
		8.06	7.189	8.625	14.50	-	28.00	17.00	38.54	2.50	2.91	BW		
2500		3.50	6.813	8.625	9.03	-	24.00	8.66	20.87	1.50	1.61	BW	SPL OAL	
		5.13	6.813	8.625	11.00	-	30.00	12.40	30.12	2.00	2.41	BW		
		8.06	7.189	8.625	14.50	-	30.00	17.00	38.54	2.50	2.91	BW		
3500	3.50	6.875	8.625	11.00	-	26.00	10.88	31.49	2.00	3.13	BW			
4500	3.50	6.875	8.625	11.00	-	26.00	10.88	31.49	2.00	3.13	BW			
10	150	8.06	10.020	10.750	11.00	-	18.00	15.88	35.39	2.50	1.00	BW	Bolted Bonnet	
		9.75	10.020	10.750	13.00	-	18.00	19.25	43.39	3.00	1.25	BW	Bolted Bonnet	
	300	8.06	10.020	10.750	11.00	-	18.00	15.88	35.39	2.50	1.00	BW	Bolted Bonnet	
		9.75	10.020	10.750	13.00	-	18.00	19.25	43.39	3.00	1.25	BW	Bolted Bonnet	
	600	8.06	10.020	-	11.00	20.00	31.00	15.88	35.39	2.50	1.00	RF	Bolted Bonnet	
		9.75	10.020	10.750	13.00	-	31.00	19.25	43.39	3.00	1.25	BW	Bolted Bonnet	
		9.75	10.020	-	12.75	20.00	31.00	19.25	43.39	3.00	1.25	RF	Bolted Bonnet	
	900	8.06	9.564	10.750	14.50	-	31.00	17.00	38.54	2.50	2.91	BW		
	1500	8.06	8.500	10.750	14.50	-	34.00	17.00	38.54	2.50	2.91	BW		
		5.13	8.500	-	11.00	23.00	34.00	12.40	30.12	2.00	1.13	RF WOF	SPL OAL	
	2500	8.06	8.500	10.750	14.50	-	36.00	17.00	38.54	2.50	2.91	BW		
	3500													
4500														

NPS	Pressure Class	A	B	C	D	E	L	F	G	S	Min Wall Design	End Connection	Comments
12	150	8.06	11.938	12.750	11.00	-	19.75	15.88	35.39	2.50	1.00	BW	Bolted Bonnet
		9.75	11.938	12.750	13.00	-	19.75	19.25	43.39	3.00	1.25	BW	Bolted Bonnet
	300	8.06	11.938	12.750	11.00	-	19.75	15.88	35.39	2.50	1.00	BW	Bolted Bonnet
		9.75	11.938	12.750	13.00	-	19.75	19.25	43.39	3.00	1.25	BW	Bolted Bonnet
	600	8.06	11.938	12.750	11.00	-	32.00	15.88	35.39	2.50	1.00	BW	Bolted Bonnet
		9.75	11.938	12.750	13.00	-	32.00	19.25	43.39	3.00	1.25	BW	Bolted Bonnet
	900	8.06	11.376	12.750	14.50	-	36.00	17.00	38.54	2.50	2.91	BW	
	1500	8.06	10.126	12.750	14.50	-	39.00	17.00	38.54	2.50	2.91	BW	
	2000	9.75	10.126	12.750	16.25	-	41.00	22.88	54.17	3.00	3.13	BW	SPL OAL
	2500	8.06	10.126	12.750	14.50	-	41.00	17.00	38.54	2.50	2.91	BW	
11.75		10.126	12.750	21.25	-	48.00	28.02	67.13	3.50	4.73	BW	SPL OAL	
3500													
4500													
14	150	9.75	13.124	14.000	13.00	-	22.50	19.25	43.39	3.00	1.25	BW	Bolted Bonnet
	300	9.75	13.124	14.000	13.00	-	30.00	19.25	43.39	3.00	1.25	BW	Bolted Bonnet
	600	9.75	13.124	14.000	13.00	-	35.00	19.25	43.39	3.00	1.25	BW	Bolted Bonnet
		11.75	13.124	14.000	14.75	-	35.00	22.45	50.04	3.00	1.38	BW	Bolted Bonnet
	900	8.06	12.500	14.000	14.50	-	40.50	17.00	38.54	2.50	2.91	BW	
	1500	8.06	11.188	14.000	14.50	-	42.00	17.00	38.54	2.50	2.91	BW	
	2000	9.75	11.188	14.000	16.25	-	44.00	22.88	54.17	3.00	3.13	BW	SPL OAL
	2500	8.06	11.188	14.000	14.50	-	44.00	17.00	38.54	2.50	2.91	BW	
		11.75	11.188	14.000	21.25	-	44.00	28.02	67.13	3.50	4.73	BW	
	3500												
4500													
16	150	11.75	15.000	-	17.73	23.50	16.00	22.45	50.04	3.00	1.38	RF	Bolted Bonnet
	300												
	600	11.75	15.000	16.000	14.88	-	39.00	22.45	50.04	3.00	1.38	BW	Bolted Bonnet
	900												
	1500												
	2000	9.75	12.814	16.000	16.25	-	49.00	22.88	54.17	3.00	3.13	BW	SPL OAL
	2500	11.75	12.814	16.000	21.25	-	49.00	28.02	67.13	3.50	4.73	BW	
	4500												
18	150												
	300	17.25	16.876	18.000	21.38	-	36.00	31.70	68.68	3.00	1.13	BW	Bolted Bonnet
	600	11.75	16.876	18.000	14.88	-	43.00	22.45	50.04	3.00	1.38	BW	Bolted Bonnet
	900	13.25	16.126	-	18.25	31.00	48.50	26.15	61.61	5.00	2.00	RTJ	
	1500												
	2500												
	3500												
	4500												
20	150												
	300												
	600	17.25	18.812	20.000	21.38	-	47.00	32.31	68.68	3.00	1.68	BW	Bolted Bonnet
		13.25	17.938	20.000	18.25	-	52.00	26.15	61.61	5.00	2.00	BW	
	900	13.25	17.938	-	18.25	33.75	52.50	26.15	61.61	5.00	2.00	RTJ	
		13.25	16.064	20.000	20.50	-	58.00	27.00	61.61	5.00	3.00	BW	
	1500												
	2500												
3500													
4500													

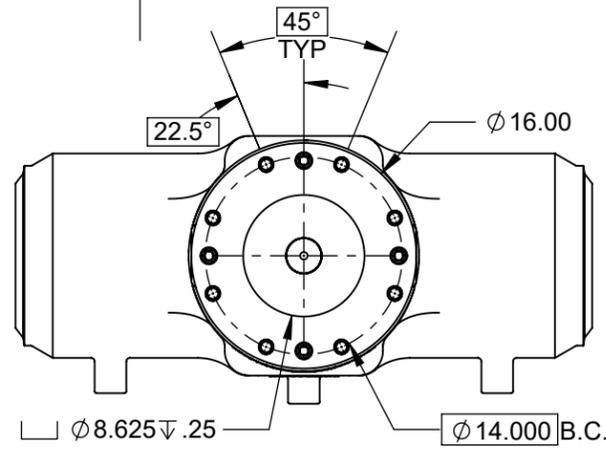
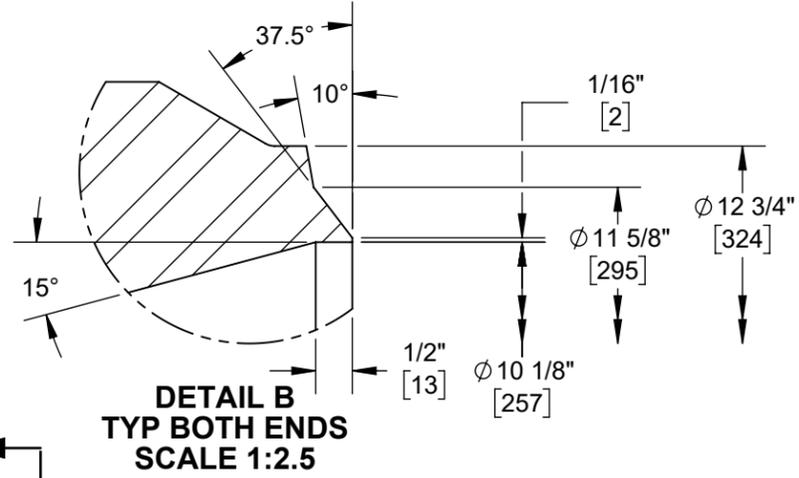
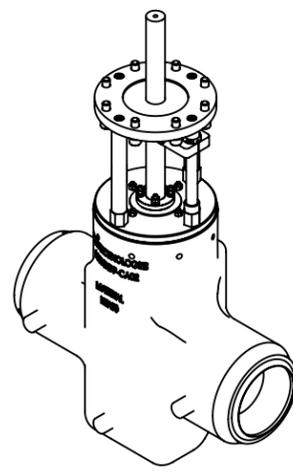
NPS	Pressure Class	A	B	C	D	E	L	F	G	S	Min Wall Design	End Connection	Comments
24	150												
	300												
	600	20.00	22.062	24.000	24.00	-	55.00	35.80	77.56	3.00	1.75	BW	
	900	15.00	20.380	24.000	19.75	-	61.00	29.94	78.11	5.00	2.35	BW	
		15.00	21.560	-	19.75	41.00	61.75	29.94	78.11	5.00	2.35	RTJ	
	1500	15.00	20.380	-	22.25	46.00	77.62	31.19			3.60	RTJ	
	2500	15.00	17.950	25.250	27.25	-	69.00	33.50			6.00	BW	
	3500												
	4500												

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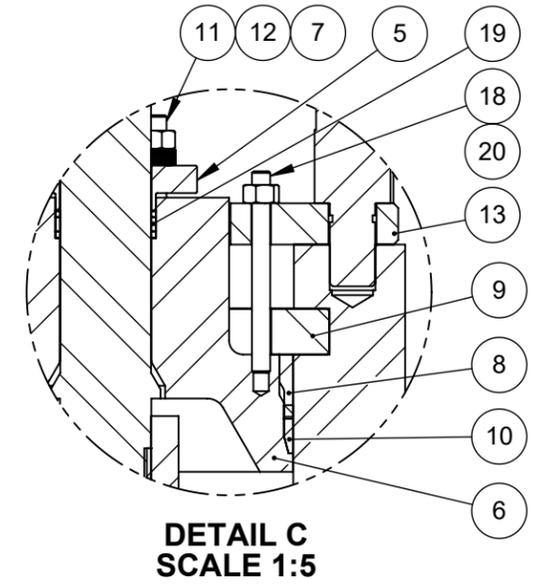
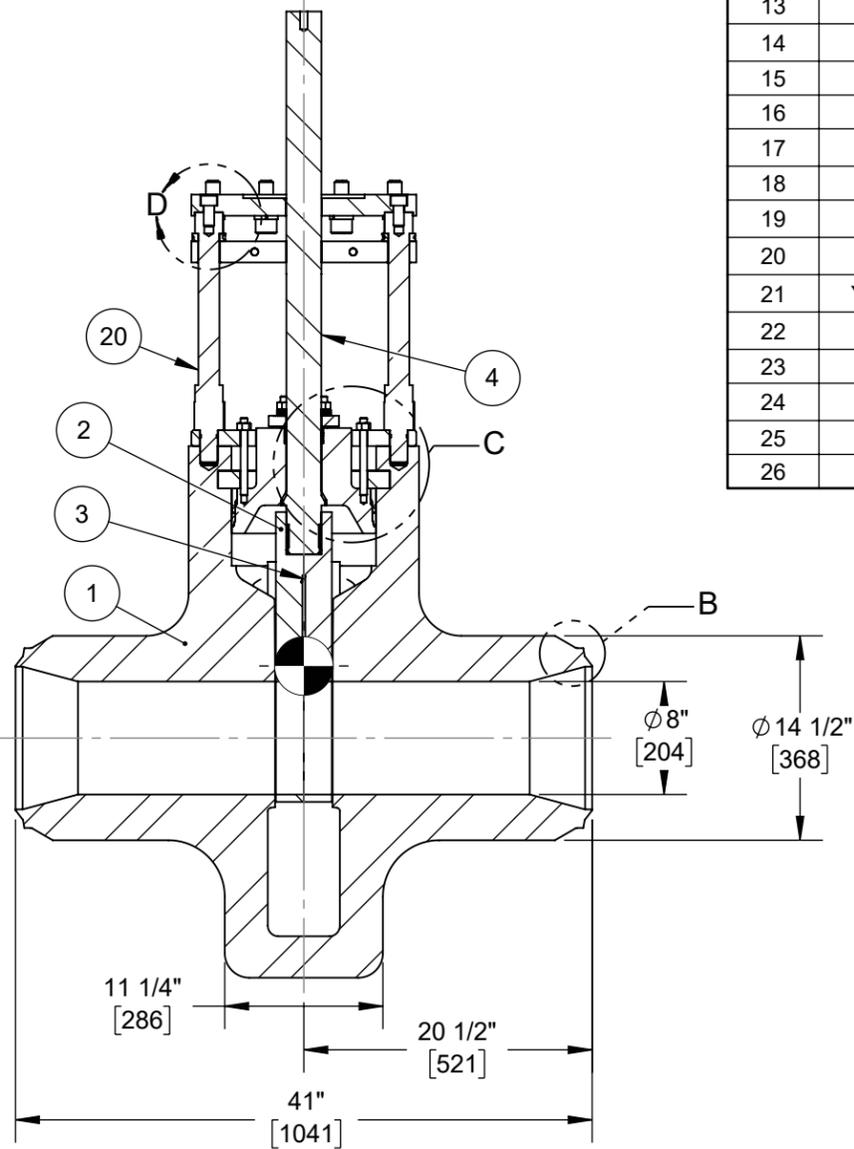
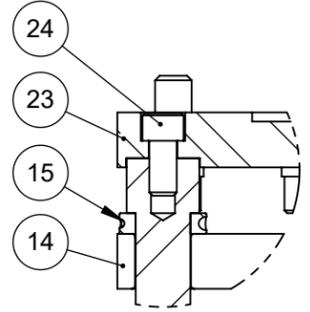
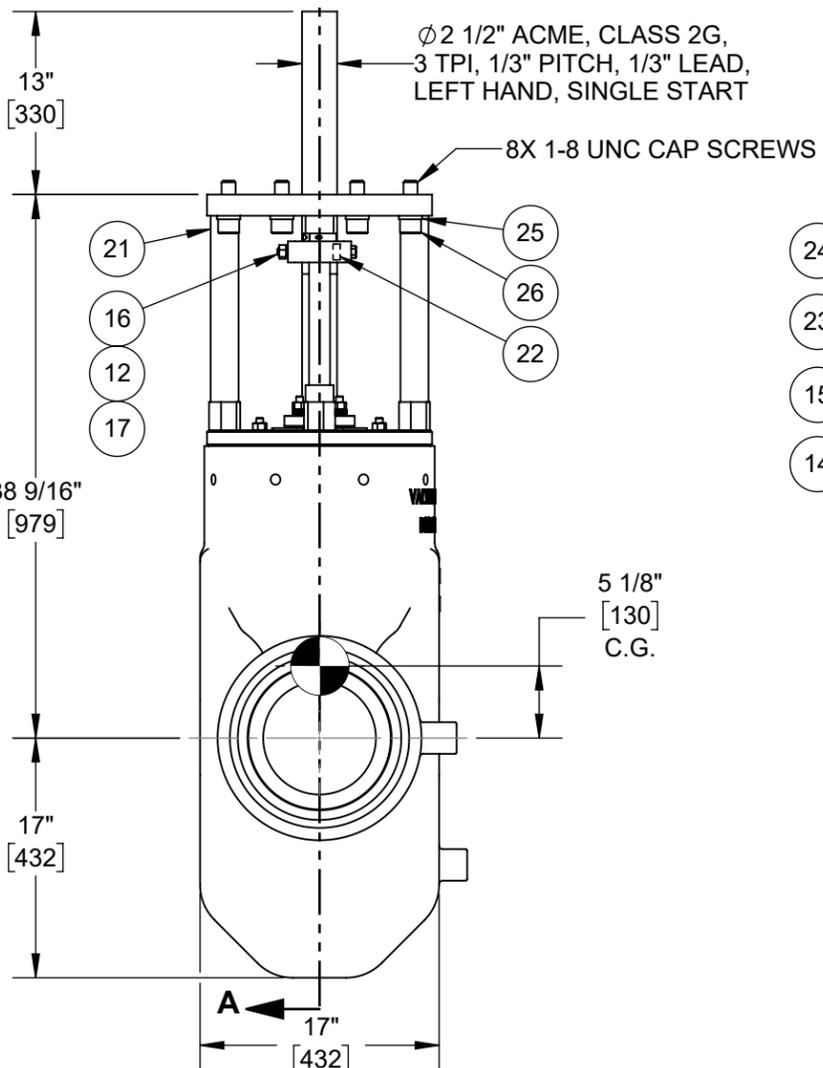
3

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1



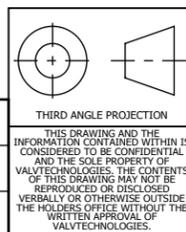
ITEM	DESCRIPTION	MATERIAL	QTY.
1	BODY	SA-217 C12A / RAM 31	1
2	DISC	UNS N07718 / RAM 31	2
3	BELLEVILLE SPRING	UNS N07718	1
4	STEM	UNS N07718 / RAM 31	1
5	GLAND	SA-182 F316H / QPQ	1
6	BONNET	SA-182 F91 / RAM 31	1
7	GLAND SPRING	UNS N07718	24
8	SPACER RING	UNS N07718	1
9	SEGMENT RING	UNS N07718	1
10	PRESSURE SEAL	316/GRAFOIL	1
11	GLAND STUD	SA-193 GR B8M CL1	4
12	NUT	SA-194 GR 8M	10
13	COVER PLATE	SA-36	1
14	BRIDGE	SA-29 GR 4130 / QPQ	1
15	COLLAR	AISI 1215	2
16	BRIDGE BOLTING	STAINLESS STEEL	2
17	BRIDGE WASHER	STAINLESS STEEL	2
18	PULLING STUD	SA-193 GR B8M CL1	4
19	GLAND PACKING	316/GRAFOIL	1
20	YOKE POST W/ BRIDGE	SA-29 GR 1018 / QPQ	2
21	YOKE POST W/OUT BRIDGE	SA-29 GR 1018 / QPQ	2
22	KEY	SA-29 GR 1018	1
23	MOUNTING PLATE	SA-36	1
24	CAP SCREW	SA-574	4
25	LOCK WASHER	SAE GR CS	8
26	CAP SCREW	SA-574	8



CUSTOMER NAME: AMERICAN VALVE & PUMP  
 CUSTOMER PO.: 0030222 - 00

- NOTES:
- TAG NUMBERS: 02-MSS-MOV-135  
03-MSS-MOV-135  
04-MSS-MOV-135  
05-MSS-MOV-135
  - VALVE SHIPPED WITH MOUNTING PLATE FOR FA35 PATTERN. CUSTOMER TO FIELD INSTALL THE ACTUATOR.
  - DESIGN PRESSURE: 2655 PSIG
  - DESIGN TEMPERATURE: 1068°F
  - BUTT WELD PREP PER ASME B16.25.
  - TOLERANCES COMPLY WITH ASME B16.34 AND ASME B16.25.

REV.	DATE	DESCRIPTION	ECN
2	4/25/2025	CHANGED THE DESIGN TEMPERATURE FROM 1054°F TO 1068°F	-
1	3/3/2025	UPDATED BW PREP FROM SCH SPL TO SCH 160 AND PER CUSTOMER COMMENTS	-



QUOTATION DRAWINGS ARE FOR GENERAL REFERENCE ONLY. PRODUCT CONFIGURATION TO BE FINALIZED UPON RECEIPT OF ORDER.

ACTUATOR ORIENTATION IS FOR ILLUSTRATION PURPOSES ONLY. ACCESSORIES MAY NOT BE INCLUDED IN DRAWING.

REFERENCE DIMENSIONS ARE DEPICTED BY ( ) SYMBOL

REVISIONS:

REVISOR	DATE	BY	DATE
N. NGUYEN	04/25/2025	G. GONZALEZ	12/11/2024
C. FALDYN	04/25/2025	C. FALDYN	01/14/2025

**VALVTECHNOLOGIES**

5904 BINGLE ROAD, HOUSTON TEXAS 77092  
WWW.VALV.COM

GENERAL ASSEMBLY WEIGHT 2788 LBS SCALE 1:13 SIZE B SHEET 1 OF 1

TITLE P091-BW-ST-B120-001QV-002  
12", BW, 2500#, 8.06" BORE, SCH 160 ISOTECH; BARE STEM

241540-001 REV. 2