



The 1/2"-2" use 800 Class Valve for the Flanged 150 Class Through 600 Class, Reference Cut Sheets  
 The 1/2"-2" Class Will be De-Rated to the Flange Class when Flanges are Added to the 800 Class Body

THIS IS PART OF CRN

OC23574.5

Technical Standards and Safety Authority  
 ASME A105 and Pressure Vessels Safety Program

SW= Socket Weld, BW= Butt weld, THR = Threaded, # = Class

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Forged Gate Valve Welded Bonnet	ASME B16.34	H8	800	1/2	0.17	0.24	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	H8	800	3/4	0.19	0.24	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	H8	800	1	0.23	0.26	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	H8	800	1-1/2	0.26	0.34	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	H8	800	2	0.29	0.32	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Forged Globe Valve Welded Bonnet	ASME B16.34	F8	800	1/2	0.17	0.24	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	F8	800	3/4	0.19	0.24	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	F8	800	1	0.23	0.26	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	F8	800	1-1/2	0.26	0.34	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	F8	800	2	0.29	0.32	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Forged Gate Valve Welded Bonnet	ASME B16.34	W8	800	1/2	0.17	0.24	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	W8	800	3/4	0.19	0.24	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	W8	800	1	0.23	0.26	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	W8	800	1-1/2	0.26	0.34	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Gate Valve Welded Bonnet	ASME B16.34	W8	800	2	0.29	0.33	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Forged Globe Valve Welded Bonnet	ASME B16.34	G8	800	1/2	0.17	0.24	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	G8	800	3/4	0.19	0.24	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	G8	800	1	0.23	0.26	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	G8	800	1-1/2	0.26	0.34	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
Forged Globe Valve Welded Bonnet	ASME B16.34	G8	800	2	0.29	0.33	ASTM A105 OR ASTM A182 F316L	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Y-Pattern Globe Valve Welded Bonnet	ASME B16.34	GA	1500	1/2	0.19	0.43	ASTM A105 OR ASTM A182 F22	SW, THR, SW X THR, 1500# Flanged
Y-Pattern Globe Valve Welded Bonnet	ASME B16.34	GA	1500	3/4	0.24	0.43	ASTM A105 OR ASTM A182 F22	SW, THR, SW X THR, 1500# Flanged
Y-Pattern Globe Valve Welded Bonnet	ASME B16.34	GA	1500	1	0.28	0.43	ASTM A105 OR ASTM A182 F22	SW, THR, SW X THR, 1500# Flanged
Y-Pattern Globe Valve Welded Bonnet	ASME B16.34	GA	1500	1-1/2	0.38	0.55	ASTM A105 OR ASTM A182 F22	SW, THR, SW X THR, 1500# Flanged
Y-Pattern Globe Valve Welded Bonnet	ASME B16.34	GA	1500	2	0.47	0.55	ASTM A105 OR ASTM A182 F22	SW, THR, SW X THR, 1500# Flanged

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
NACE Gate Valve Welded Bonnet	ASME B16.34	H8-NACE	800	1/2	0.17	0.24	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
NACE Gate Valve Welded Bonnet	ASME B16.34	H8-NACE	800	3/4	0.19	0.24	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
NACE Gate Valve Welded Bonnet	ASME B16.34	H8-NACE	800	1	0.23	0.26	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
NACE Gate Valve Welded Bonnet	ASME B16.34	H8-NACE	800	1-1/2	0.26	0.34	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged
NACE Gate Valve Welded Bonnet	ASME B16.34	H8-NACE	800	2	0.29	0.32	ASTM A105	SW, BW, THR, SW X THR, 150# Flanged, 300# Flanged, 600# Flanged

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Cast Gate Valve	ASME B16.34	L	150	3	0.24	0.43	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	150	4	0.26	0.47	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	150	6	0.28	0.51	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	150	8	0.32	0.51	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	150	10	0.35	0.54	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	150	12	0.38	0.68	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Cast Gate Valve	ASME B16.34	L	300	3	0.28	0.47	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	300	4	0.31	0.51	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	300	6	0.37	0.63	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	300	8	0.44	0.69	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	300	10	0.5	0.7	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Gate Valve	ASME B16.34	L	300	12	0.57	0.76	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Cast Globe Valve	ASME B16.34	J	150	3	0.24	0.43	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	150	4	0.26	0.47	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	150	6	0.28	0.51	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	150	8	0.32	0.51	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	150	10	0.35	0.54	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	150	12	0.38	0.68	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld

Valve Type/ Description	Design Standard/Code	Valve Series	Class Rating	Size	Minimum Thickness per B16.34	Actual Thickness	ASTM Material Specification	End Connection
Cast Globe Valve	ASME B16.34	J	300	3	0.28	0.47	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	300	4	0.31	0.51	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	300	6	0.37	0.63	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	300	8	0.44	0.69	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	300	10	0.5	0.7	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld
Cast Globe Valve	ASME B16.34	J	300	12	0.57	0.76	ASTM A216 WCB OR ASTM A351 CF8M	Flanged and Butt Weld



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel.: 416.734.3300  
Fax: 416.231.1626  
Toll Free: 1.877.682.8772

[www.tssa.org](http://www.tssa.org)

November 2, 2021

DIXON VALVE & COUPLING COMPANY, LLC  
6523 HOMESTEAD RD  
HOUSTON TX 77028

**Workorder Type:** Registration - Fitting(Conventional)  
**Workorder No:** 8028455  
**Your Reference No.:** BELLOW SEAL VALVES -H8,F8,W8,G8,L AND J SERIES  
**Registered to:** DIXON VALVE & COUPLING COMPANY, LLC

Dear ULISES CONEJO,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C23574.5  
Main Design No.: List of registered valves, Product Catalog  
Expiry Date: Nov 02, 2031

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Ruiming You  
Engineer, BPV  
Tel. : +1 416-734-3428  
Email : [ryou@tssa.org](mailto:ryou@tssa.org)



The Registrar Company

This is to certify that the Management System of:

# Dixon Valve and Coupling Company

6523 Homestead Road, Houston, Texas USA 77028

has been assessed by TRC, Inc. and found to be in accordance with the requirements of the following:

## ISO 9001:2015



The management system is applicable to the following scope:

**Dixon Eagle - Design and Manufacture of Specialty Valves.**

**Vanessa Delisle**  
Chief Compliance and  
Accreditation Officer  
[www.theregistrarco.com](http://www.theregistrarco.com)



Certificate Number  
TRC01251  
Original Certification Date  
07/16/2020  
Current Term Issue Date  
07/16/2020  
Expiry Date  
07/15/2023

1400 Preston Road, Suite 400, Plano, TX 75093 USA | 3-5 Edinburgh Road South, Guelph, ON, N1H 5N8 Canada

This certificate's validity is subject to the organization maintaining their system in accordance with TRC's requirements for systems certification. Validity may be confirmed by using the above TRC Express Verification Code. Revision Date: 11/02/2021