



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

February 21, 2019

Attention: Neal Osbaldeston
HIMARK VALVE CORP
3635 78 AVENUE NW
EDMONTON, AB T6B 3J9

Email: neal.osbaldeston@alteksupply.com

The design submission, tracking number 2018-07329, originally received on November 01, 2018 was surveyed and accepted for registration as follows:

CRN : OC19369.2

Accepted on: February 21, 2019

Reg Type: NEW DESIGN

Expiry Date: February 21, 2029

Drawing No. : 6 SHEETS OF DRAWINGS

Fitting type: TYPE 2S BALL VALVES

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

This registration is only for valves manufactured by King Industrial Valve Co..

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

- 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 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 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 question don't hesitate to contact me by phone at (780) 433-0281 ext 3343 or fax (780) 437-7787 or e-mail Tang@absa.ca.

Sincerely,

TANG, TAO, P. Eng.
DOP Cert. No. D00008848

STATUTORY DECLARATION Registration of Fittings

I, Neal Osbaldeston; R.E.T, Acting QA Manager of Himark Valve Corp
(name of applicant) (position title) (must be in a position of authority)
of Himark Valve Corp - responsible organization..not designer or manufacturer
(name of manufacturer)
located at 3635 - 78 Ave NW, Edmonton, Alberta. T6b 3J9
(plant address)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

HIMARK

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

- ☒ comply with the requirements of ASME B16.34- 2017/manufacturer which specifies the dimensions, (title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached (title of code of construction or other applicable document)
data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001-2015; Himark AQP 5156 as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

Floating ball valves; 1/4" to 4" ; 1500 psig to 6000 psig, WCB and CF8M materials

(brief description of fittings)

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

King Valve Industries QA documents incl: ISO 9001-2015 Certificate, PED EU-0038 Certificate, Typ MTR and hydro per EN 12266.1; Typ drawings and BOM, Wall thk summary per ASME B16.34-2017, independent hydro

DECLARED before me at Edmonton in the province of Alberta
(city) (province or state)
this 15th day of February, 2019
(Month) (Year)

SCOTT NABOZNIAK

A Commissioner for Oaths
in and for Alberta

My Commission Expires October 9, 2019

Appointed #0748719

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(signature of applicant)

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, Clause 4.2, and is accepted for registration in Category C

Registration Number:

0019369-2

(Signature of the Administrator/SCO)

Date Registered:

FEB 21 2019

Expiry Date:

Feb. 21, 2029

Sheet 1 of 6.

6000PSI

FULL PORT BALL VALVE

FIRESAFE API 607 & ISO 10497

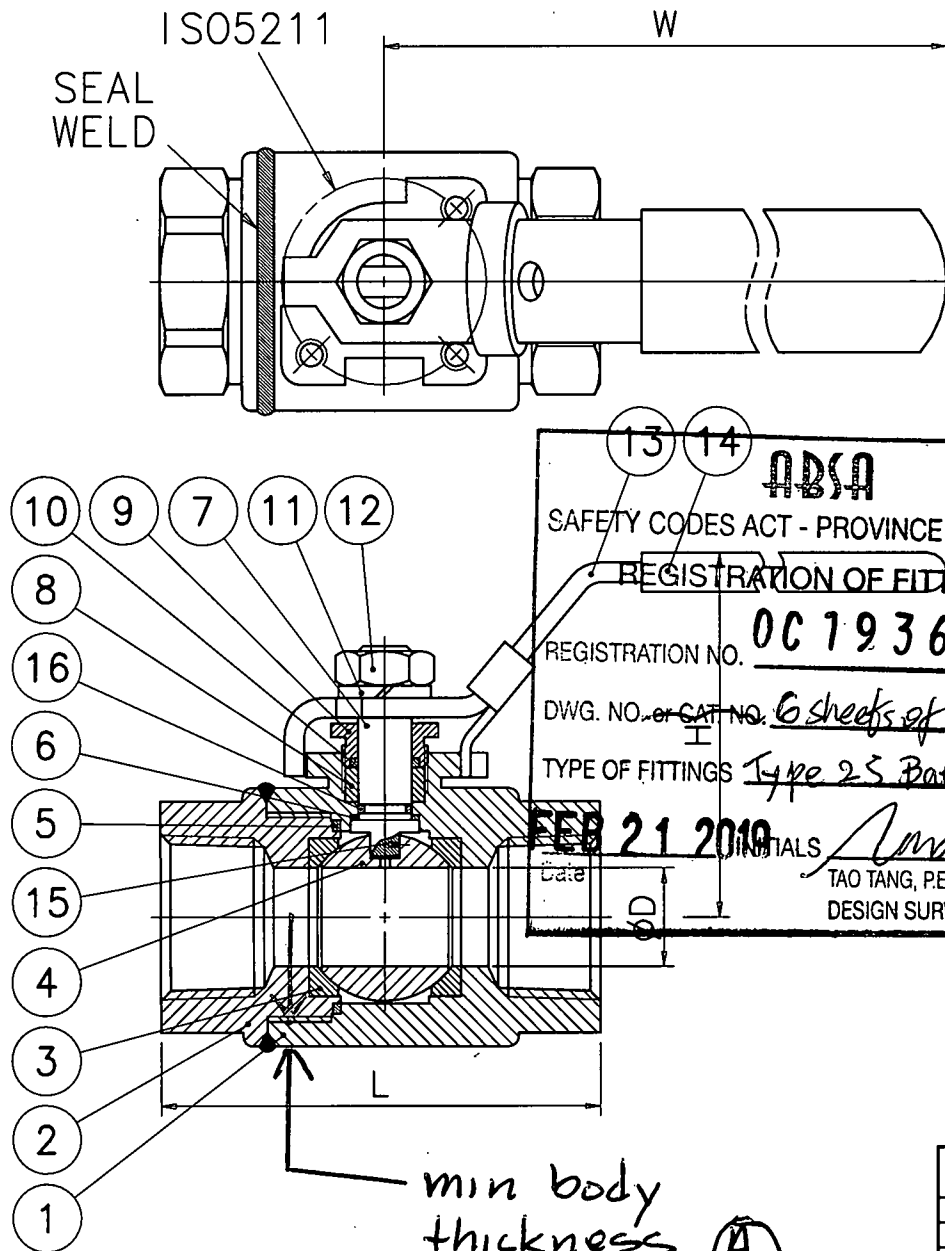
ISO5211 ACTUATOR MOUNTING PAD

HANDLE LOCKING DEVICE

ITEM	DESCRIPTION	STAINLESS STEEL	Q'TY
1	BODY	ASTM A351 CF8M	1
2	BODY CAP	ASTM A351 CF8M	1
3	SEAT	DELFIN	2
4	BALL	ASTM A351 CF8M/316	1
5	BODY GASKET	PTFE	1
6-2	TRUST WASHER	PTFE	1
7	STEM	GRAPHITE	1
8	STEM PACKING	ASTM A276 316	1
9	GLAND	GRAPHITE	1
10	GLAND PACKING	AISI 304	1
11	SPRING WASHER	PTFE	1
12	HANDLE NUT	AISI 304	1
13	HANDLE	AISI 304	1
14	SLEEVE	AISI 304	1
15	ANTI-STATIC DEVICE	VINYL PLASTISOL	1
16	STEM O-RING	AISI 316	1
		VITON	1

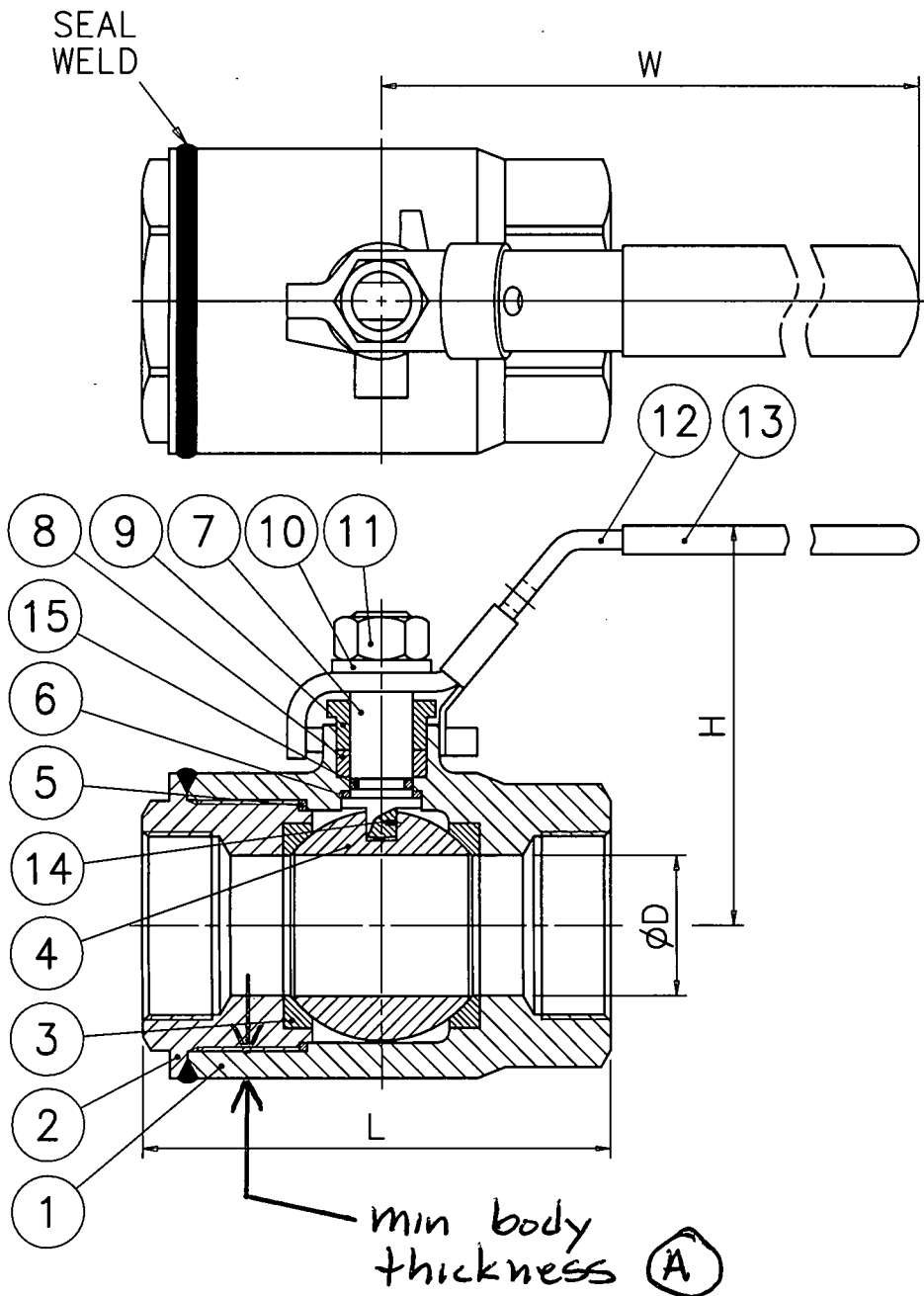
NPS	DN	ØD		L		H		W		ISO5211
		IN	MM	IN	MM	IN	MM	IN	MM	
1/2	15	0.50	12.7	4.02	102	2.36	60	5.04	128	F03-3xM5
3/4	20	0.75	19.1	4.25	108	2.68	68	5.91	150	F04-3xM5
1	25	1.00	25.4	4.49	114	3.15	80	7.09	180	F05-3xM6
1 1/2	40	1.50	38.1	5.24	133	4.88	124	10.04	255	F07-3xM8
2	50	1.97	50	6.26	159	5.24	133			

DESIGN			TYPE 2S - BALL VALVES	
PRESSURE	6000	PSI	DESIGN AS PER ASME B16.34 - 2017	
API 598	HYDROSTATIC			
SHELL TEST	62.07	MPa		
SEAT TEST	45.52	MPa		
AIR TEST	0.6	MPa		
			HIMARK	HIMARK VALVE CORP
			DATE: AUG 27 2018	3635-78 AVE NW, EDMONTON T6B 3J9
				Email: www.himarkvalve.com



ABSA
 SAFETY CODES ACT - PROVINCE OF ALBERTA
 REGISTRATION OF FITTINGS
 REGISTRATION NO. **0C 19369-2**
 DWG. NO. or CAT. NO. **6 sheets of Drawing**
 TYPE OF FITTINGS **Type 2S Ball Valve**
 FEB 21 2018
 TAO TANG, P.Eng.
 DESIGN SURVEY ENGINEER

Sheet 2 of 6



3000PSI
FULL PORT BALL VALVE
FIRE-SAFE API607 & ISO10497
HANDLE LOCKING DEVICE

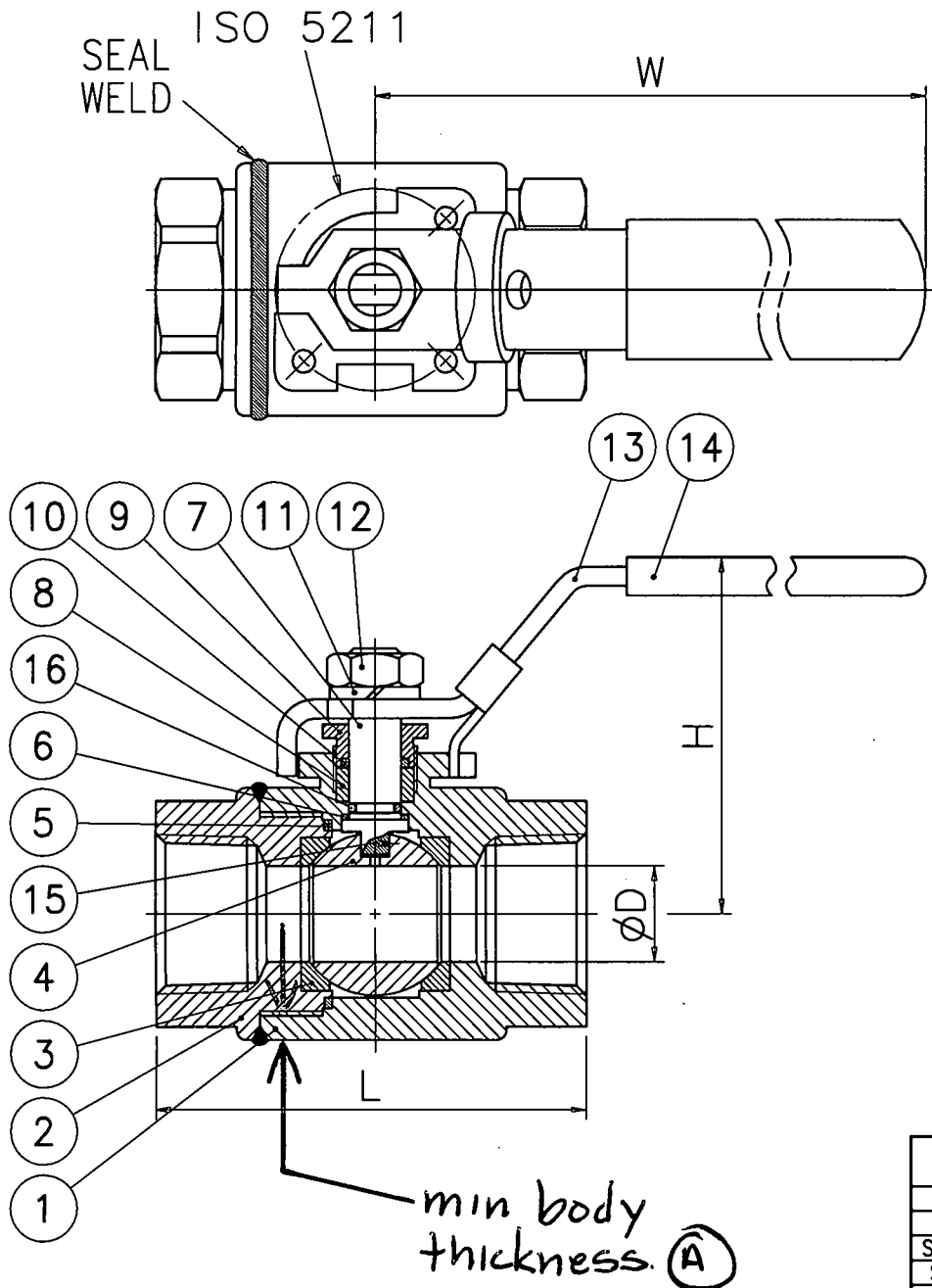
ITEM	DESCRIPTION	STAINLESS STEEL	Q'TY
1	BODY	ASTM A351 CF8M	1
2	BODY CAP	ASTM A351 CF8M	1
3	SEAT	DELFIN	2
4	BALL	ASTM A351 CF8M/316	1
5	BODY GASKET	PTFE	1
6-1	THRUST WASHER	PTFE	1
6-2		GRAPHITE	1
7	STEM	ASTM A276 316	1
8	STEM PACKING	GRAPHITE	1
9	GLAND	AISI 304	1
10	SPRING WASHER	AISI 304	1
11	HANDLE NUT	AISI 304	1
12	HANDLE	AISI 304	1
13	SLEEVE	VINYL PLASTISOL	1
14	ANTI-STATIC DEVICE	AISI 316	1
15	STEM ORING	VITON	1

SIZE		ØD		L		H		W	
NPS	DN	IN	MM	IN	MM	IN	MM	IN	MM
1	25	1.00	25.4	4.02	102	3.15	80	6.69	170
1 1/2	40	1.50	38	4.88	124	4.76	121	10.31	262
2	50	1.75	44.5	5.87	149	4.96	125		

0C19369-2

DESIGN	TYPE 2S - BALL VALVES
PRESSURE 3000 PSI	DESIGN AS PER ASME B16.34 - 2017
API 598 HYDROSTATIC	
SHELL TEST 31.03 MPa	HIMARK HIMARK VALVE CORP
SEAT TEST 22.75 MPa	3635-78 AVE NW, EDMONTON T6B 3J9
AIR TEST 0.6 MPa	DATE: AUG 27 2018 Email: www.himarkvalve.com

Sheet 3 of 6



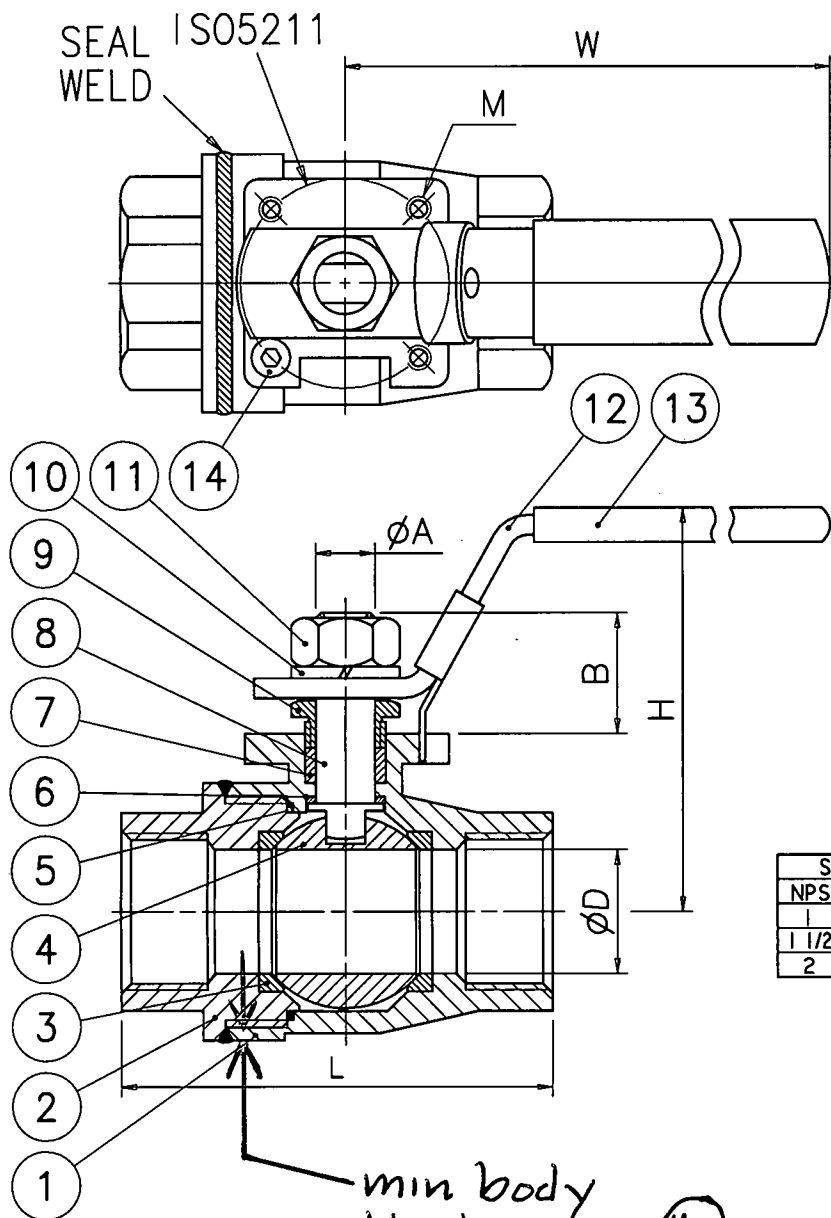
3000PSI
FULL PORT BALL VALVE
ISO5211 ACTUATOR MOUNTING PAD
FIRE-SAFE API607 & ISO10497
HANDLE LOCKING DEVICE

ITEM	DESCRIPTION	STAINLESS STEEL	Q'TY
1	BODY	ASTM A351 CF8M	1
2	BODY CAP	ASTM A351 CF8M	1
3	SEAT	DELFIN	2
4	BALL	ASTM A351 CF8M/316	1
5	BODY GASKET	PTFE	1
6-1	THRUST WASHER	PTFE	1
6-2		GRAPHITE	1
7	STEM	ASTM A276 316	1
8	STEM PACKING	GRAPHITE	1
9	GLAND	AISI 304	1
10	GLAND PACKING	PTFE	1
11	SPRING WASHER	AISI 304	1
12	HANDLE NUT	AISI 304	1
13	HANDLE	AISI 304	1
14	SLEEVE	VINYL PLASTISOL	1
15	ANTI-STATIC DEVICE	AISI 316	1
16	STEM O-RING	VITON	1

0C19369-2

SIZE	ϕD		L		H		W		ISO 5211
NPS	DN	IN	MM	IN	MM	IN	MM	IN	
1/2	15	0.50	12.7	3.11	79	2.36	60	5.04	F03-3xM5
3/4	20	0.75	19.1	3.70	94	2.68	68	5.91	F04-3xM5

DESIGN			TYPE 2S - BALL VALVES	
PRESSURE	3000	PSI	DESIGN AS PER ASME B16.34 - 2017	
API 598	HYDROSTATIC			
SHELL TEST	31.03	MPa		
SEAT TEST	22.75	MPa		
AIR TEST	0.6	MPa		
			HIMARK	HIMARK VALVE CORP
			DATE: AUG 27 2018	3635-78 AVE NW, EDMONTON T6B 3J9
				Email: www.himarkvalve.com



- min body thickness

A

2000PS I

FULL PORT BALL VALVE

ISO 5211 ACTUATOR MOUNTING PAD

HANDLE LOCKING DEVICE

ITEM	DESCRIPTION	STAINLESS STEEL	Q'TY
1	BODY	ASTM A351 CF8M	1
2	BODY CAP	ASTM A351 CF8M	1
3	SEAT	R-TFE	2
4	BALL	ASTM A351 CF8M/316	1
5	BODY GASKET	PTFE	1
6	THRUST WASHER	PTFE	1
7	STEM PACKING	PTFE	1
8	STEM	ASTM A276 316	1
9	GLAND	AISI 304	1
10	SPRING WASHER	AISI 304	1
11	HANDLE NUT	AISI 304	1
12	HANDLE	AISI 304	1
13	SLEEVE	VINIL PLASTISOL	1
14	STOP PIN	AISI 304	1

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SIZE		øD		L		H		W		øA		B		M	ISO 5211
NPS	DN	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM		
1	25	1.00	25.4	3.35	85	2.68	68	6.50	165	0.47	12	0.98	25	M5	F04
1 1/2	40	1.50	38.0	4.53	115	3.54	90	6.89	175	0.55	14			M6	F05
2	50	1.97	50.0	5.28	134	3.94	100								

DESIGN			TYPE 2S - BALL VALVES	
PRESSURE	2000	PSI	DESIGN AS PER ASME B16.34 - 2017	
API 598	HYDROSTATIC		HIMARK	HIMARK VALVE CORP 3635-78 AVE NW, EDMONTON T6B 3J9
SHELL TEST	20.7	MPa		
SEAT TEST	15.2	MPa		
AIR TEST	0.6	MPa		
DATE: SEP 11 2018			Email: www.himarkvalve.com	

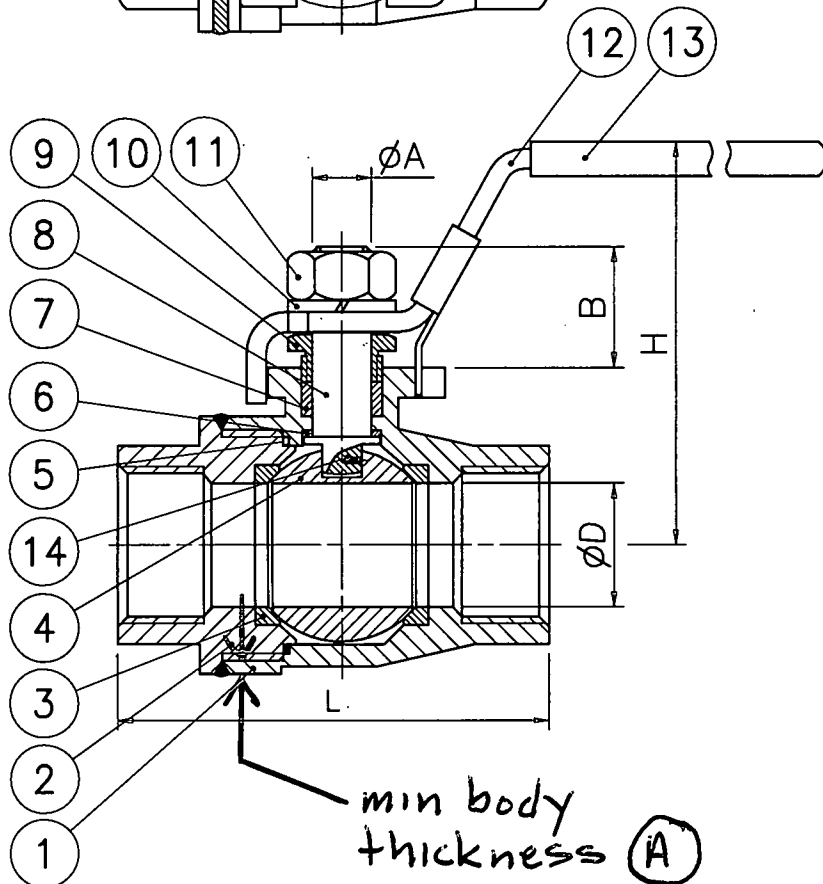


ITEM	DESCRIPTION	STAINLESS STEEL	Q'TY
1	BODY	ASTM A351 CF8M	1
2	BODY CAP	ASTM A351 CF8M	1
3	SEAT	R-TFE	2
4	BALL	ASTM A351 CF8M/316	1
5	THRUST WASHER	PTFE	1
6	STEM PACKING	PTFE	1
7	STEM	ASTM A276 316	1
8	GLAND	AISI 304	1
9	SPRING WASHER	AISI 304	1
10	HANDLE NUT	AISI 304	1
11	HANDLE	AISI 304	1
12	SLEEVE	VINIL PLASTISOL	1
13	STOP PIN	AISI 304	1

SIZE		ØD		L		H		W		ØA		B		M	ISO 5211
NPS	DN	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM		
1/2	15	0.59	15.0	2.44	62	2.20	56	5.31	135	0.31	8	0.67	17	M5	F03
3/4	20	0.79	20.0	2.87	73	2.52	64			0.39	10	0.79	20		

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DESIGN			TYPE 2S - BALL VALVES	
PRESSURE	2000	PSI	DESIGN AS PER ASME B16.34 - 2017	
API 598	HYDROSTATIC		HIMARK	HIMARK VALVE CORP 3635-78 AVE NW, EDMONTON T6B 3J9
SHELL TEST	20.7	MPa		
SEAT TEST	15.2	MPa		
AIR TEST	0.6	MPa		
			DATE: SEP 11 2018	Email: www.himarkvalve.com




HANDLE LOCKING DEVICE

ITEM	DESCRIPTION	STAINLESS STEEL	Q'TY
1	BODY	ASTM A351 CF8M	1
2	BODY CAP	ASTM A351 CF8M	1
3	SEAT	R-TFE	2
4	BALL	ASTM A351 CF8M/316	1
5	BODY GASKET	PTFE	1
6-1	THRUST WASHER	PTFE	1
6-2		GRAPHITE	1
7	STEM PACKING	GRAPHITE	1
8	STEM	ASTM A276 316	1
9	GLAND	AISI 304	1
10	SPRING WASHER	AISI 304	1
11	HANDLE NUT	AISI 304	1
12	HANDLE	AISI 304	1
13	SLEEVE	VINYL PLASTISOL	1
14	ANTI-STATIC DEVICE	AISI 316	1

SIZE		ØD		L		H		W		ØA		B		M	ISO 5211
NPS	DN	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM		
3	80	3.15	80.0	7.48	190	5.79	147	10.24	260	0.75	19	1.57	40	M8	F07
4	100	3.94	100.0	9.09	231	6.93	176	11.02	280	0.98	25	1.81	46	M10	F10

OC 19369.2

DESIGN			TYPE 2S - BALL VALVES		
PRESSURE	1500	PSI	DESIGN AS PER ASME B16.34 - 2017		
API 598	HYDROSTATIC		 HIMARK VALVE CORP 3635-78 AVE NW, EDMONTON T6B 3J9 Email: www.himarkvalve.com		
SHELL TEST	15.52	MPa			
SEAT TEST	11.4	MPa			
AIR TEST	0.6	MPa			
DATE: AUG 27 2018					