

2202 2nd Avenue Regina, SK S4R 1K3 Canada 1 (866) 530-8599 info@tsask.ca www.tsask.ca

REGISTRATION OF A PRESSURE FITTING DESIGN

August 21, 2024

TSSA 345 Carlingview Dr. Toronto, ON Canada M9W 6N9

Attention: Cecylia Garbacz File Number: 101323

Re: Manufacturer: ACME Cryogenics, Inc

Item: Cryogenic Globe Valves

Catalog or Drawing: Per Scope of Registration CRN-1060/1080 Rev. K

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0C14626.53 Expiry Date: 2034-06-26

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

CRN renewal - previously registered in Saskatchewan through CSA.

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.



Codes & Standards Compliance Office

2202 2nd Avenue Regina, SK S4R 1K3 PH: (306)798-7111 Toll Free: (866)530-8599 Website: www.tsask.ca

Email: designsubmission@tsask.ca

Statutory Declaration (Registration of Fittings)

			TSK-1008
I. Declara	tion Information		
, David	M. Rakos		In this space, show facsimile of
Directo	or of Engineering		manufacturer's logo or trademark as it will appear on the fitting.
-	(company title, e.g. vice president, plant		ACME CVI
	be in a position of authority in the manufacturin Cryogenics, Inc.	ng plant where the fitting is produced)	CRYOGENICS DOWN
or: Trome	(name of manuf	acturer)	CITIOGLINICS — O
located at:	2801 Mitchell Avenue,	Allentown, PA	18103
do solomniv	(Plant Address – Apt/Street)	(City,Prov)	(Postal Code)
Vessel Act (check one)	inunder, which are subject to the <i>Saska</i>	icnewan Boller and Pressure
O Comp	ly with the requirements of	which sp	ecifies the dimensions,
Mate	title c rials of construction, pressure / ten	of recognized North American Standard) nperature ratings and identification mark	ing of the fittings, or
Ø Are no	ot covered by the provisions of a r	ecognized North American standard an	d are therefore manufactured
to con	nply with ASME B31.3, ASME	B31.12, ASME B16.34	s supported by the attached
		aterials of construction, pressure / temp	perature ratings and the basis
	ch ratings, and the marking of the		
		fittings is controlled by a quality control	
	ne following authority, <u>TUV Rheir</u>	ngs covered by this declaration, for which	suitable for the manufacturer
	y C - Cryogenic valves	ings covered by this declaration, for which	ch i seek registration, are
		motion coloulations and / or toot data a	vo ette ele e di
in support of	this application, the following into	mation, calculations and / or test data a	re attached.
CRN-106	30/1080, Rev. J. Scope of Cl	RN Registration; Calculation No.	E11003. Rev. 7
	K		
II. Declar	ation		
Electrical and the second		11 Avyn the Commonwealth	of Paragerylyanaka
this 4	\ <u>-</u>	2023	or Herrisquomite
		, acas	Commonwealth of Pennsylvania - Notary Seal
(print name)	wan Painter	(\$ignature)	SARAH PAINTER - Notary Public Lebigh County
	20 atr		My Commission Expires August 10, 2026 Commission Number 1424224
(Signature of	Commissioner of Oaths)		Commission Number 142424
III. Office	Use Only		
To the best of		tion meets the requirements of the Boiler and Category	nd Pressure Vessel Act and CSA
201, Glades	Technical		
	Safety Authority of Saskatchewan	(Date Registered – MM DD YYYY)	(Expiry Date – MM DD YYYY)
Registration	0044000 50	(For the Chief Inspector)	
File No	101323		
	Registered		TSK-1008
Date:	August 21, 2024		Rev. 11/2021 Page 1 of 1
Expiry Da	te: June 26, 2034	*	

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				5175.00	OR DESIGN PRESSURE			ACTUAL WALL THICKNESS END CONNE			255		
PART NO.	PRODUCT DESCRIPTION	PRIMARY PRESSURE RETAINING COMPONENT	ASME / ANSI DESIGN STANDARD	SIZE OR SIZE RANGE	@ MAX TEMPER		MDMT	VS MIN REQUIRED	& SIZE RANGE	ASME / ASTM MATERIAL SPECIFICATION	REF CALCULATION	DRAWING NO.	
CV0500HHYVPxxxx CV0500HHYOPxxxx CV0500AxxVPxxxx CV0500AxxOPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1/2	600 PSIG @		-425 °F	Ext Tube: 0.035/0.028 Valve body: 0.15/0.15	NPS 1/2 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07833	
CV1000HHYVPxxxx CV1000HHYOPxxxx CV1000AxxVPxxxx CV1000AxxOPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1	600 PSIG @	150 ° F	-425 * F	Ext Tube: 0.049/0.033 Valve body: 0.19/0.165	NPS 1 BWE	SA-351 CF8 M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07708	
CV1500HHYVPxxxx CV1500HHYOPxxxx CV1500xxYVPxxxx CV1500xxYOPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600 PSIG @	150 ° F	-425 * F	Ext Tube: 0.049/0.042 Valve body: 0.23/0.205	NPS 1-1/2 BW E	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07584	
CV2 000HHYVP xxxx CV2 000HHYO Pxxxx CV2 000xxYVP xxxx CV2 000xxYOP xxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 2	600 PSIG @	150 ° F	-425 * F	Ext Tube: 0.049/0.042 Valve body: 0.25/0.24	NPS 2 BWE	SA-351 CF8 M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07688	
CV3 000HHYVP xxxx CV3 000HHYO Pxxxx CV3 000AxxVP xxxx CV3 000AxxOP xxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 3	600 PSIG @	150 ° F	-425 * F	Ext Tube: 0.188/0.074 Valve body: 0.313/0.281	NPS 3 BWE	SA-351 CF8 M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	830-A08540 830-A08550	
CV4000HHYVPxxxx CV4000HHYOPxxxx CV4000AxxVPxxxx CV4000AxxOPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 4	600 PSIG @	150 ° F	-425 * F	Ext Tube: 0.188/0.074 Valve body: 0.313/0.281	NPS 4 BWE	SA-351 CF8 M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	830-A08560 830-A08570	
CV0500HHYOSPxx CV0500AxxOSPxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1/2	600 PSIG @	150 °F	-425 ° F	Ext Tube: 0.035/0.028 Valve body: 0.15/0.15	NPS 1/2 SWE	SA-351 CF8M; SA-479 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07833	
CV1000HHYOSPxx CV1000AxxOSPxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1	600 PSIG @	150 °F	-425 ° F	Ext Tube: 0.049/0.033 Valve body: 0.19/0.165	NPS 1 SWE	SA-351 CF8M; SA-479 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; VITO N; SA-320 B8, CL.1	E11003 Rev 7	D-07708	
CV1500HHYOSPxx CV1500AxxOSPxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600 PSIG @	150 °F	-425 ° F	Ext Tube: 0.049/0.042 Valve body: 0.23/0.205	NPS 1-1/2 SWE	SA-351 CF8M; SA-479 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07584	
CV2000HHYO SPxx CV2000AxxO SPxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE	GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 2	600 PSIG @	150 °F	-425 ° F	Ext Tube: 0.049/0.042 Valve body: 0.25/0.24	NPS 2 SWE	SA-351 CF8M; SA-479 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07688	
CV0500AXXVP-CHK CV0500AXXOP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE		ASME B31.3 ASME B31.12 ASME B16.34	NPS 1/2	600 PSIG @	150 °F	-425 ° F	Ext Tube: 0.035/0.028 Valve body: 0.15/0.15 Bonnet: 0.375/0.164	NPS 1/2 BWE	SA-351 CF8 M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-07903	
CV1000AXXVP-CHK CV1000AXXOP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE		ASME B16.34	NPS 1	600 PSIG @	150 °F	-425 ° F	Ext Tube: 0.049/0.033 Valve body: 0.19/0.165 Bonnet: 0.315/0.201	NPS 1 BWE	SA-351 CF8 M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-08020	
CV1500AXXVP-CHK CV1500AXXOP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600 PSIG @	150 °F	-425 * F	Ext Tube: 0.049/0.042 Valve body: 0.23/0.205 Bonnet: 0.375/0.248	NPS 1-1/2 BWE	SA-351 CF8 M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	D-06798	
CV2000AXXVP-CHK CV2000AXXOP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	1	NPS 2	600 PSIG @	150 °F	-425 ° F	Ext Tube: 0.049/0.042 Valve body: 0.25/0.24 Bonnet: 0.625/0.28	NPS 2 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	C-08280	

GENERAL NOTES:

1. CODES OF DESIGN & CONSTRUCTION

ASME B31.3, PROCESS PIPING CODE

ASME B31.12, HYDROGEN PIPING & PIPELINES CODE

ASME B16.34, VALVES -FLANGED, THREADED, AND WELDING END CSA B51, BOILER, PRESSURE VESSEL, & PRESSURE PIPING CODE

2. SAFE WORKING PRESSURE (NON SHOCK) 600 PSIG MAX. WITHIN THE TEMPERATURE RANGE OF -425°F TO +200°F (LIMITED TO 150°F BY THE SEAL MATERIALS)

3. REFERENCE CALCULATION: E11003, REV. 7

J	REDRAWN IN SOLIDWORKS; MULTIPLE CHANGES - SEE ECN FOR DETAILS	8/4/2023	AJH	DRH	10495
K	MULTIPLE CHANGES; SEE ECN FOR DETAILS	5/30/2024	AJH	DRH	10559
REV	DESCRIPTION	DATE	REV BY	APPD BY	ECN NO.

Technical Safety Authority of Saskatchewan 0C14626.53 August 21, 2024 Expiry Date: June 26, 2034

CRYOGENICS PART OF OPW | a DOWER COMPANY DWG NO. CRN-1060/1080

ORIGINAL

DATE 05/23/2011 DMR INTERPRET PER ASME Y14.5-2009 SCOPE OF REGISTRATION - CRYOGENIC GLOBE VALVES DATE 07/17/2023 DRAWN BY AJH2. ALL DIMENSIONS ARE INCHES. DATE 07/20/2023 CHECKED BY 3. REMOVE ALL BURRS AND SHARP EDGES .015 MAX MACHINED SURFACE TO BE 125
 MICR-INCHES OR BETTER. DATE 08/04/2023 APPROVED BY DRH P/N: SEE TABLE OON AS IT HAS SERVED THE PURPOSES FOR WHICH IT IS FURNISHED AND WHILE IN THE POSSESSION OF THE RECIPIENT HOUSE PURPOSE FOR A TO BE THE PURPOSE FOR A T B SHEET: SHEET 1 OF 8 REV. K

	PRODUCT	PRIMARY PRESSURE	ASME / ANSI	SIZE OR	DESIGN PRESSURE			ACTUAL WALL THICKNESS	END CONNECTION		REF	
PART NO.	DESCRIPTION	RETAINING COMPONENT	DESIGN STANDARD	SIZE RANGE	@ MAX TEMPE	RATURE	MDMT	VS MIN REQUIRED	& SIZE RANGE	ASME / ASTM MATERIAL SPECIFICATION	CALCULATION	DRAWING NO.
	MODEL CV (Acme)	BODY; BONNET;	ASM E B31.3					Ext Tube: 0.035/0.028		SA-351 CF8M; SA-479 316/316L;		
CV0500AXXSP-CHK	STRAIGHT-PATTERN	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 1/2	600 PSIG @	150 °F	-425 °F	Valve body: 0.15/0.15	NPS 1/2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CV0500AXXSP-CHK
	CHECK VALVE	GASKET; BOLTS	ASME B16.34					Bonnet: 0.375/0.164		VITO N; SA-320 B8, CL.1		
	MODEL CV (Acme)	BODY; BONNET;	ASM E B31.3					Ext Tube: 0.049/0.033		SA-351 CF8M; SA-479 316/316L;		
CV1000AXXSP-CHK	STRAIGHT-PATTERN	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 1	600 PSIG @	150 °F	-425 °F	Valve body: 0.19/0.165	NPS 1 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CV1000AXXSP-CHK
	CHECK VALVE	GASKET; BOLTS	ASME B16.34					Bonnet: 0.315/0.201		VITO N; SA-320 B8, CL.1		
	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3					Ext Tube: 0.049/0.042		SA-351 CF8M; SA-479 316/316L;		
CV1500AXXSP-CHK	STRAIGHT-PATTERN	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 1-1/2	600 PSIG @	150 °F	-425 °F	Valve body: 0.23/0.205	NPS 1-1/2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CV1500AXXSP-CHK
	CHECK VALVE	GASKET; BOLTS	ASM E B16.34					Bonnet: 0.375/0.248		VITO N; SA-320 B8, CL.1		
	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3					Ext Tube: 0.049/0.042		SA-351 CF8M; SA-479 316/316L;		
CV2000AXXSP-CHK	STRAIGHT-PATTERN	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 2	600 PSIG @	150 °F	-425 °F	Valve body: 0.25/0.24	NPS 2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CV2000AXXSP-CHK
	CHECK VALVE	GASKET; BOLTS	ASM E B16.34					Bonnet: 0.625/0.28		VITO N; SA-320 B8, CL.1		
AV1000HHYVPxxxx	MODEL CV (Acme)		45145 034 3							5 A 35 A 55 DA 4 5 A 3 A 3 TD 3 A 5 / 3 A 5 L		
AV1000HHYO Pxxxx		BODY; STUBS;	ASME B31.3	NDS 4	500 0515 0	450.55	435.55	Ext Tube: 0.049/0.033	NDS 4 DIVIS	SA-351 CF8 M; SA-312 TP 316/316L;	544003.0	
AV1000AxxVPxxxx	ANGLE-PATTERN	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 1	600 PSIG @	150 F	-425 °F	Valve body: 0.19/0.175	NPS 1 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev /	AV1000HHYVPxxxx
AV1000AxxOPxxxx	GLOBE VALVE	BONNET; GASKET; BOLTS	ASME B16.34							SA-479 316/316L; VITON; SA-320 B8, CL.1		
AV1500HHYVPxxxx												
AV1500HHYOPxxxx	MODEL CV (Acme)	BODY; STUBS;	ASME B31.3					Ext Tube: 0.049/0.042		SA-351 CF8M; SA-312 TP 316/316L;		
AV1500AxxVPxxxx	ANGLE-PATTERN	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 1-1/2	600 PSIG @	150 °F	-425 °F	Valve body: 0.23/0.21	NPS 1-1/2 BW E	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	AV1500HHYVPxxxx
AV1500AxxOPxxxx	GLOBE VALVE	BONNET; GASKET; BOLTS	ASME B16.34							SA-479 316/316L; VITON; SA-320 B8, CL.1		
AV2000HHYVPxxxx												
AV2 000HHYO Pxxxx	MODEL CV (Acme)	BODY; STUBS;	ASME B31.3					Ext Tube: 0.049/0.042		SA-351 CF8M; SA-312 TP 316/316L;		
AV2000xxVPxxxx	ANGLE-PATTERN	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 2	600 PSIG @	150 °F	-425 °F	Valve body: 0.25/0.247	NPS 2 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	AV2000HHYVPxxxx
AV2000AXXOPXXXX	GLOBE VALVE	BONNET; GASKET; BOLTS	ASME B16.34					varve body. 0.23/0.24/		SA-479 316/316L; VITON; SA-320 B8, CL.1		
	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3							SA-351 CF8M; SA-479 316/316L;		
AV1000HHYOSPxx	ANGLE-PATTERN	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 1	600 PSIG @	150 °E	-425 °F	Ext Tube: 0.049/0.033	NPS 1 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	AV1000HHYVPxxxx
AV1000AxxOSPxx	GLOBE VALVE	GASKET; BOLTS	ASME B16.34	14131	000 1 310 @	130 .	423 1	Valve body: 0.19/0.175	14131344	VITO N; SA-320 B8, CL.1	LIIOUS NEV /	AVIOCOMMINITARIA
	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3							SA-351 CF8M; SA-479 316/316L;	+	
AV1500HHYOSPxx	ANGLE-PATTERN		ASME B31.12	NPS 1-1/2	600 PSIG @	150 *5	-425 °F	Ext Tube: 0.049/0.042	NPS 1-1/2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11002 Per 7	AV1500HHYVPxxxx
AV1500AxxOSPxx	GLOBE VALVE		ASME B16.34	NF3 1-1/2	600 F310 @	150 F	-425 F	Valve body: 0.23/0.21	NF3 1-1/2 3VVE		E11003 KeV /	AVISOUNNIVEXXXX
		GASKET; BOLTS	ASME B16.34 ASME B31.3							VITON; SA-320 B8, CL.1		
AV2 000 HHYO SPxx	MODEL CV (Acme)	BODY; BONNET;	ASME B31.12	NPS 2	600 PSIG @	450.5	-425 °F	Ext Tube: 0.049/0.042	NDS 3 SWE	SA-351 CF8M; SA-479 316/316L;	F11003 D 7	A) /30 00 LILINO /D
AV2000AxxOSPxx	ANGLE-PATTERN	EXTENSION TUBE; FLANGE;	1	NPS 2	600 PSIG @	150 F	-425 F	Valve body: 0.25/0.247	NPS 2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	AV2000HHYVPxxxx
YV1000HHYVPxxxx	GLOBE VALVE	GASKET; BOLTS	ASME B16.34							VITO N; SA-320 B8, CL.1	-	
	MODEL CV (Acme)	BODY; STUBS;	ASM E B31.3					5 . 7		SA-351 CF8M; SA-312 TP 316/316L;		
YV1000HHYO Pxxxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 1	600 PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.033	NPS 1 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV1000HHYVPxxxx
YV1000AxxVPxxxx	VALVE	BONNET; GASKET; BOLTS	ASM E B16.34					Valve body: 0.288/0.172		SA-479 316/316L; VITON; SA-320 B8, CL.1		
YV1000AxxOPxxxx											+	
YV1500HHYVPxxxx	MODEL CV (Acme)	BODY; STUBS;	ASM E B31.3							SA-351 CF8M; SA-312 TP 316/316L;		
YV1500HHYO Pxxxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 1-1/2	600 PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042	NPS 1-1/2 BW E	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV1500HHYVPxxxx
YV1500AxxVPxxxx	VALVE	BONNET; GASKET; BOLTS	ASME B16.34					Valve body: 0.341/0.205		SA-479 316/316L; VITON; SA-320 B8, CL.1		
YV1500AxxOPxxxx												
YV2000HHYVSPxx	MODEL CV (Acme)	BODY; STUBS;	ASM E B31.3							SA-351 CF8M; SA-312 TP 316/316L;		
YV2 000HHYO Pxxxx	Y-PATTERN GLOBE		1	NPS 2	600 PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042	NPS 2 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV2000HHYVSPxx
YV2000AxxVSPxx	VALVE	BONNET; GASKET; BOLTS	ASME B16.34					Valve body: 0.341/0.240		SA-479 316/316L; VITON; SA-320 B8, CL.1		
YV2000AxxOPxxxx												
YV3000HHYVSPxx	MODEL CV (Acme)	BODY; STUBS;	ASM E B31.3							SA-351 CF8M; SA-312 TP 316/316L;		
YV3 000HHYO Pxxxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;		NPS 3	600 PSIG @	150 °F	-425 °F	Ext Tube: 0.188/0.074	NPS 3 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV3000HHYVPxxxx
YV3000AxxVSPxx	VALVE	BONNET; GASKET; BOLTS	ASME B16.34					Valve body: 0.341/0.281		SA-479 316/316L; VITON; SA-320 B8, CL.1		
YV3000AxxOPxxxx	******	20.1112., 2. 2.12., 2.2.13										
YV4000HHYVPxxxx	MODEL CV (Acme)	BODY; STUBS;	ASME B31.3							SA-351 CF8M; SA-312 TP 316/316L;		
YV4000HHYO Pxxxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 4	600 PSIG @	150 °E	-425 °F	Ext Tube: 0.188/0.074	NPS 4 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV400HHYVPxxxx
YV4000AxxVPxxxx	VALVE	BONNET; GASKET; BOLTS	ASME B16.34	141.34	000 7310 @	230	-423	Valve body: 0.611/0.314	INI 2 4 DAGE	SA-479 316/316L; VITON; SA-320 B8. CL.1	LITOUS NEV /	TV400IIIIIVEXXXX
1440000	VALVE											

Technical
Safety Authority
of Saskatchewan 0C14626.53 Registered August 21, 2024 Expiry Date: June 26, 2034

В

ſ	UNLESS OTHERWISE SPECIFIED	DESIGN BY		DATE OF (OC 10011					
	INTERPRET PER ASME Y14.5-2009		DMR	05/23/2011					
	 THE FOLLOWING TOLERANCES APPLY: .XX: ±.01" .XXX: ±.005" FRACTIONS: ± 1/32" ANGLES" ±0.5* 	DRAWN BY	AJH	DATE 07/17/2023					
1	2. ALL DIMENSIONS ARE INCHES.	CHECKED BY		DATE					
	REMOVE ALL BURRS AND SHARP EDGES .015 MAX	CHECKED BY	BL	DATE 07/20/2023					
	 MACHINED SURFACE TO BE 125 MICR-INCHES OR BETTER. 	APPROVED BY	DRH	DATE 08/04/2023					
	5. DO NOT SCALE DRAWING.			00,01,2020					
Ī	THIRD ANGLE PROJECTION	THIS DRAWING AND THE INFORATION OR DATA CONTAINED HEREIN ARE CONSIDERED PROPRIETARY TO ACME CRYOGENICS, INC. AND IS NOT TO BE COPIED, REPRODUCED, DUPLICATED OR DISCLOSED TO OTHER IN WHOLE (

SCOPE OF REGISTRATION -CRYOGENIC GLOBE VALVES

CRYOGENICS PART OF OPW | a DOWER COMPANY DWG NO. CRN-1060/1080

ORIGINAL

P/N: SEE TABLE

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	PRODUCT	PRIMARY PRESSURE	ASME / ANSI	SIZE OR	DESIGN PRESSURE		ACTUAL WALL THICKNESS	END CONNECTION		REF	
PART NO.	DESCRIPTION	RETAINING COMPONENT	DESIGN STANDARD	SIZE RANGE	@ MAX TEMPERATURE	MDMT	VS MIN REQUIRED	& SIZE RANGE	ASME / ASTM MATERIAL SPECIFICATION	CALCULATION	DRAWING NO.
YV1000HHYOSPxx	MODEL CV (Acme)	BODY; BONNET;	ASM E B31.3				Ext Tube: 0.049/0.033		SA-351 CF8M; SA-479 316/316L;		
YV1000AxxOSPxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;		NPS 1	600 PSIG @ 150 °F	-425 °F	Valve body: 0.288/0.172	NPS 1 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV1000HHYOSPxx
17100074403174	VALVE	GASKET; BOLTS	ASME B16.34				Valve 8004: 0.200/0.172		VITO N; SA-320 B8, CL.1		
YV1500HHYOSPxx	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3				Ext Tube: 0.049/0.042		SA-351 CF8M; SA-479 316/316L;		
YV1500AxxOSPxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 1-1/2	600 PSIG @ 150 °F	-425 °F	Valve body: 0.341/0.205	NPS 1-1/2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV1500HHYOSPxx
11130074403144	VALVE	GASKET; BOLTS	ASME B16.34				Varve body: 0.341/0.203		VITO N; SA-320 B8, CL.1		
YV2 000 HHYO SPxx	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3				Ext Tube: 0.049/0.042		SA-351 CF8M; SA-479 316/316L;		
YV2000AxxOSPxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 2	600 PSIG @ 150 °F	-425 °F	Valve body: 0.341/0.240	NPS 2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV2000HHYOSPxx
17200074403144	VALVE	GASKET; BOLTS	ASME B16.34				Varve body: 0.341/0.240		VITO N; SA-320 B8, CL.1		
YV3 000HHYO SPxx	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3				Ext Tube: 0.188/0.074		SA-351 CF8M; SA-479 316/316L;		
YV3000AxxOSPxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	ASM E B31.12	NPS 3	600 PSIG @ 150 °F	-425 °F	Valve body: 0.341/0.281	NPS 3 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV3000HHYOSPxx
TVSUUUAXXUSFXX	VALVE	GASKET; BOLTS	ASME B16.34				Valve body: 0.341/0.281		VITO N; SA-320 B8, CL.1		
YV4000HHYOSPxx	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3				Ext Tube: 0.188/0.074		SA-351 CF8M; SA-479 316/316L;		
YV4000AXXOSPXX	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 4	600 PSIG @ 150 °F	-425 °F	Valve body: 0.611/0.314	NPS 4 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	YV400HHYOSPxx
TV4000AXXO3FXX	VALVE	GASKET; BOLTS	ASME B16.34				Valve body: 0.011/0.314		VITO N; SA-320 B8, CL.1		
CT1000HHYVPxxxx	MODEL CT (Acme)	BODY; STUBS;	ASME B31.3				Ext Tube: 0.049/0.033		SA-351 CF8M; SA-312 TP 316/316L;		
	STRAIGHT-PATTERN	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 1	600 PSIG @ 150 °F	-425 °F	· · · · · · · · · · · · · · · · · · ·	NPS 1 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT1000HHYVPxxx
CT1000AxxVPxxxx	GLOBE VALVE	BONNET; GASKET; BOLTS	ASME B16.34				Valve body: 0.19/0.165		SA-479 316/316L; VITON; SA-320 B8, CL.1		
CT4 FOOLUNA (P	MODEL CT (Acme)	BODY; STUBS;	ASME B31.3				5 Tub 0.040/0.043		SA-351 CF8M; SA-312 TP 316/316L;		
CT1500HHYVPxxxx	STRAIGHT-PATTERN	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 1-1/2	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.042	NPS 1-1/2 BW E	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT1500HHYVPxxx
CT1500AxxVPxxxx	GLOBE VALVE	BONNET; GASKET; BOLTS	ASME B16.34				Valve body: 0.23/0.205		SA-479 316/316L; VITON; SA-320 B8, CL.1		
CT3.000111104/P	MODEL CT (Acme)	BODY; STUBS;	ASM E B31.3				5 T 0 0 40 /0 0 43		SA-351 CF8M; SA-312 TP 316/316L;		
CT2 000 HHYVPxxxx	STRAIGHT-PATTERN	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 2	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.042	NPS 2 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT2000HHYVPxxx
CT2 000AxxVP xxxx	GLOBE VALVE	BONNET; GASKET; BOLTS	ASME B16.34				Valve body: 0.25/0.24		SA-479 316/316L; VITON; SA-320 B8, CL.1		
CT400ALILINGSD	MODEL CT (Acme)	BODY; BONNET;	ASME B31.3				5 Turk 0.040/0.033		SA-351 CF8M; SA-479 316/316L;		
CT100AHHYCSPxx	ANGLE-PATTERN		ASME B31.12	NPS 1	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.033	NPS 1 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT1000HHYVPxxx
CT100AxxYCSPxx	GLOBE VALVE	GASKET; BOLTS	ASME B16.34				Valve body: 0.19/0.175		VITO N; SA-320 B8, CL.1		
	MODEL CT (Acme)	BODY; BONNET;	ASME B31.3						SA-351 CF8M; SA-479 316/316L;		
CT150AHHYCSPxx	ANGLE-PATTERN	EXTENSION TUBE; FLANGE;	ASME B31.12	NPS 1-1/2	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.042	NPS 1-1/2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT1500HHYVPxxx
CT150AAxxYCSPxx	GLOBE VALVE	GASKET; BOLTS	ASME B16.34				Valve body: 0.23/0.21		VITO N; SA-320 B8, CL.1		
	MODEL CT (Acme)	BODY; BONNET;	ASME B31.3						SA-351 CF8M; SA-479 316/316L;		
CT200AHHYCSPxx	ANGLE-PATTERN	EXTENSION TUBE; FLANGE;	1	NPS 2	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.042	NPS 2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT2000HHYVPxxx
CT2 00AAxxYCSPxx	GLOBE VALVE	GASKET; BOLTS	ASME B16.34				Valve body: 0.25/0.247		VITO N; SA-320 B8, CL.1		
	MODEL CT (Acme)	BODY; BONNET;	ASME B31.3						SA-351 CF8M; SA-479 316/316L;		
CT100YHHYCSPxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	1	NPS 1	600 PSIG @ 150 F	-425 °F	Ext Tube: 0.049/0.033	NPS 1 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT100YHHYCSPxx
CT100YAxxCSPxx	VALVE	GASKET; BOLTS	ASME B16.34		_		Valve body: 0.288/0.172		VITON; SA-320 B8, CL.1		
	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3						SA-351 CF8M; SA-479 316/316L;		
CT150YHHYCSPxx	Y-PATTERN GLOBE	, ,	ASME B31.12	NPS 1-1/2	600 PSIG @ 150 F	-425 °F	Ext Tube: 0.049/0.042	NPS 1-1/2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT150YHHYCSPxx
CT150YAxxxCSPxx	VALVE	GASKET; BOLTS	ASME B16.34	,			Valve body: 0.341/0.205	·	VITO N; SA-320 B8, CL.1		
	MODEL CV (Acme)	BODY; BONNET;	ASME B31.3						SA-351 CF8M; SA-479 316/316L;		
CT200YHHYCSPxx	Y-PATTERN GLOBE	EXTENSION TUBE; FLANGE;	1	NPS 2	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.042	NPS 2 SWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT200YHHYCSPxx
CT200YAxxCSPxx	VALVE	GASKET; BOLTS	ASME B16.34				Valve body: 0.341/0.240		VITO N; SA-320 B8, CL.1		
	MODEL CT (Acme)	BODY; STUBS;	ASME B31.3						SA-351 CF8M; SA-312 TP 316/316L;		
CT05YTYHHYVPxxxx	Y-PATTERN LOW	EXTENSION TUBE; FLANGE;	1	NPS 1/2	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.033	NPS 1/2 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT05 YTYHHYVPxxx
CT05YTYAxxVPxxxx	FLOW GLOBE VALVE	BONNET; GASKET; BOLTS	1	,_			Valve body: 0.188/0.14	= =, = =	SA-479 316/316L; VITON; SA-320 B8, CL.1		
	MODEL CT (Acme)	BODY; STUBS;	ASME B31.3				_		SA-351 CF8M; SA-312 TP 316/316L;		
CT0 7YTYHHYVP xxxx	Y-PATTERN LOW	EXTENSION TUBE; FLANGE;	1	NPS 3/4	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.033	NPS 3/4 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CTO 7TYHHYVPx xxx
CT07YTYAxxVPxxxx	FLOW GLOBE VALVE	BONNET; GASKET; BOLTS	1	5 5/4	555 5.5 @ 150	-423 1	Valve body: 0.188/0.14	14.33/4011	SA-479 316/316L; VITON; SA-320 B8, CL.1	LIIOUS NEV /	CIG/IIIIIIVI XXX
	MODEL CT (Acme)	BODY; STUBS;	ASME B31.3						SA-351 CF8 M; SA-312 TP 316/316L;		
CT10YTYHHYVPxxxx	Y-PATTERN LOW	EXTENSION TUBE; FLANGE;		NPS 1	600 PSIG @ 150 °F	-425 °F	Ext Tube: 0.049/0.033	NPS 1 BWE	SA-213 TP 316/316L; SA-182 F316/316L;	E11003 Rev 7	CT10TYHHYVPxxxx
CT10YTYAxxVPxxxx	FLOW GLOBE VALVE	BONNET; GASKET; BOLTS	1	141-31	000 F313 @ 130 F	-423 F	Valve body: 0.188/0.14	MESTOWE	SA-479 316/316L; VITON; SA-320 B8, CL.1	LIIOUS NEV /	CITOTINGIVEXXX
	. LO W GLODE VALVE	DOMMEN, GASKET, BOCKS	7 SAIL 010.34				I .		3.1 473 310/3100, VITON, 3A-320 00, CL.1	1	1

	Technical Safety Authority of Saskatchewan
Registration No	0C14626.53
File No	101323
	Registered
Date:	August 21, 2024
Expiry Date:	June 26, 2034
Codes	& Standards Compliance Office

THIRD ANGLE PROJECTION	THIS DRAWING AND THE INFORATION OR DATA CONTAINED HEREIN ARE CONSIDERED PROPRIETARY TO ACME CRYOGENICS, INC. AND IS NOT TO BE COPIED, REPRODUCED, DUPLICATED OR DISCLOSED TO OTHER IN WHOLE OR IN								
5. DO NOT SCALE DRAWING.		D.K.	00,04,2020						
MACHINED SURFACE TO BE 125 MICR-INCHES OR BETTER.	APPROVED BY	DRH	DATE 08/04/2023						
3. REMOVE ALL BURRS AND SHARP EDGES .015 MAX	CHECKED BY	BL	DATE 07/20/2023						
2. ALL DIMENSIONS ARE INCHES.	CLIECKED DV		DATE						
1. THE FOLLOWING TOLERANCES APPLY: .XX: ±.01" .XXX: ±.005" FRACTIONS: ± 1/32" ANGLES" ±0.5*	DRAWN BY	AJH	DATE 07/17/2023						
UNLESS OTHERWISE SPECIFIED INTERPRET PER ASME Y14.5-2009	DESIGN BY	DMR	05/23/2011						

SCOPE OF REGISTRATION -CRYOGENIC GLOBE VALVES CRYOGENICS
PART OF OPW 18 TOURS COMPANY

DWG NO. CRN-1060/1080

ORIGINAL

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P/N: SEE TABLE

FART WITHOUT THE PRIDER WRITTEN CONSENT OF A DUBLE CRYOGERUS, INC. THE DRAWNING SHALLD BE RELIGIBLED AS SOON AST IT MAS SERVED THE PRIDER SERVED THE RECIPIENT SHOULD BE PROPERLY SAFEGUARDED AGAINST DISCLOSURE TO ANYONE DICEPT SHOULY SERVED THE RECIPIENT SHOULD BE PROPERLY SAFEGUARDED AGAINST DISCLOSURE TO ANYONE DICEPT SHOULY SERVED THE RECIPIENT SHOULD BE PROPERLY SAFEGUARDED AGAINST DISCLOSURE TO ANYONE DICEPT SHOULY SERVED THE RECIPIENT SHOULD BE PROPERLY SAFEGUARDED AGAINST DISCLOSURE TO ANYONE DICEPT SHOULD SH

3 THE PUBLIC GENERALLY.

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	PART NO.	PRODUCT DESCRIPTION	PRIMARY PRESSURE RETAINING COMPONENT	ASME / ANSI DESIGN STANDARD	SIZE OR SIZE RANGE		IGN PRES	SURE RATURE	MDMT	ACTUAL WALL THICKNESS VS MIN REQUIRED	END CONNECTION & SIZE RANGE	ASME / ASTM MATERIAL SPECIFICATION	REF CALCULATION	DRAWING NO.	
	CT05YTHHYx5Pxx CT05YTAxxx5Pxx	MODEL CT (Acme) Y-PATTERN LOW FLOW GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.033 Valve body: 0.188/0.14	NPS 1/2 SWE	SA-351 CF8M; SA-479 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CT05YTYHHYCSPxx	
	CT07YTHHYxSPxx CT07YTAxxxxSPxx	MODEL CT (Acme) Y-PATTERN LOW FLOW GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NP5 3/4	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.033 Valve body: 0.188/0.14	NPS 3/4 SWE	SA-351 CF8M; SA-479 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	СТО 7ТҮННҮСЅР хх	
	CT10YTHHYxSPxx CT10YTAxxxSPxx	MODEL CT (Acme) Y-PATTERN LOW FLOW GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3	NPS 1	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.033 Valve body: 0.188/0.14	NPS 1 SWE	SA-351 CF8M; SA-479 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; VITO N; SA-320 B8, CL.1	E11003 Rev 7	CT10TYHHYCSPxx	
В	81-2542-02594 81-2542-02601 81-2542-02605 88-2542-02874 88-2542-02881 88-2542-02885 78-2542-03645 78-2542-03650 78-2542-03371 78-2542-03372 78-2542-03373 78-2542-03505 78-2542-03510 78-2542-03181 78-2542-03181 78-2542-03185	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3	NPS 1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.083/0.033 Valve body: 0.19/0.155	NPS 1/2 BWE	SA-351 CF3; SA-312 TP 304/304L; SA-213 TP 304/304L; SA-182 F304/304L; SA-479 304/304L; SB-283 C64210; VITON; SA-320 B8, CL.1	E11003 Rev 7	81-2542-02571	В
A	81-2542-02613 81-2542-02617 81-2542-02621 88-2542-02893 88-2542-02897 88-2542-03665 78-2542-03670 78-2542-03675 78-2542-03375 78-2542-03376 78-2542-03377 78-2542-03525 78-2542-03530 78-2542-03535 78-2542-03193 78-2542-03197 78-2542-03197	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 3/4	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.083/0.033 Valve body: 0.19/0.156	NPS 3/4 BWE	SA-351 CF3; SA-312 TP 304/304L; SA-213 TP 304/304L; SA-182 F304/304L; SA-479 304/304L; SB-283 C64210; VITON; SA-320 B8, CL.1	E11003 Rev 7	81-2542-02571	A
				■ Technical ■ Safety Authority			UNLESS	OTHERWISE SPECIF	FIED.	DESIGN BY DATE	Title:		ORI	GINAL	
			Registration No File No	Safety Authority of Saskatchewan 0C14626.53 101323 Registered August 21, 2024 June 26, 2034 & Standards Compliance Office			IN 1. THE XX: FRAC 2. ALL D 3. REMM 0.15 N 4. MACH MICR 5. DO N	THERPRET PER ASM FOLLOWING TOLERS £.01" NOX: £.005" ADMINISTRATE DIMENSIONS ARE INV DE ALL BURRS AND AND HINDED SURFACE TO IS -INCHES OR BETTER OT SCALE DRAWING RD ANGLE PRO.	ME Y14.5-2009 ANCES APPLY: NGLES" ±0.5* CHES. SHARP EDGES BE 125 R.	DMR DATE C DRAWN BY AJH DATE C CHECKED BY BL DATE C APPROVED BY DRH DATE C CHOOSING, INC. AND IS NOT TO BE COURSE OFFICIAL DISCUSSION, INC. THE STRAWNING AND THE PRODUCTION OF DATA CONTAINED HEREIN ARC DISCUSSION, INC. THE STRAWNING AND THE PRODUCTION OF DATA CONTRAINED HEREIN ARC DISCUSSION, INC. THE STRAWNING AND THE PRIOR WRITTEN CONCERN OF ACME CHYOCIBING, INC. THE STRAWNING AND THE PRIOR WRITTEN CONCERN OF ACME CHYOCIBING, INC. THE STRAWNING AND THE PRIOR WRITTEN CONCERN OF ACME CHYOCIBING, INC. THE	15/23/2011 17/17/2023 17/17/2023 18/04/2023 18/04/2023 18/04/2023 18/04/2028 18/04/2028 18/04/2028 18/04/2028 18/04/2028 18/04/2028	SEE TABLE DI	RYOGE	1060/1080	
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	PART NO.	PRODUCT DESCRIPTION	PRIMARY PRESSURE RETAINING COMPONENT	ASME / ANSI DESIGN STANDARD	SIZE OR SIZE RANGE		IGN PRES		MDMT	ACTUAL WALL THICKNESS VS MIN REQUIRED	END CONNECTION & SIZE RANGE	ASME / ASTM M	ATERIAL SPECIFICATION	REF CALCULATION	DRAWING NO.	
В	81-2542-02634 81-2542-02640 81-2542-02644 88-2542-02914 88-2542-02920 88-2542-02924 78-2542-03690 78-2542-03695 78-2542-03379 78-2542-03380 78-2542-03381 78-2542-03555 78-2542-03555 78-2542-03555 78-2542-03224	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE;	ASME B31.3 ASME B31.12	NPS 1		PSIG @		-425 °F	Ext Tube: 0.083/0.033 Valve body: 0.20/0.174	NPS 1 BWE	SA-351 CF3; SA-213 TP 304/3 SA-479 304/3	SA-312 TP 304/304L; 04L; SA-182 F304/304L; 04L; SB-283 C64210; SA-320 B8, CL.1	E11003 Rev 7	81-2542-02571	В
_	81-2542-02671 81-2542-02679 81-2542-02683 88-2542-02951 88-2542-02958 78-2542-03705 78-2542-03710 78-2542-03715 78-2542-03383 78-2542-03384 78-2542-03385 78-2542-03570 78-2542-03570 78-2542-03575 78-2542-03250 78-2542-03258 78-2542-03258	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.083/0.042 Valve body: 0.22/0.212	NPS 1-1/2 BWE	SA-213 TP 304/3 SA-479 304/3	SA-312 TP 304/304L; 04L; SA-182 F304/304L; 04L; SB-283 C64210; SA-320 B8, CL.1	E11003 Rev 7	81-2542-02571	
		Registration N File No Date: Expiry Date: Co	- - - -		IN 1. THE .XX: FRAI 2. ALL E 3. REMM .015 N 4. MACH MICR 5. DO N	NOTHERWISE SPECIFIC TO THE ASSOCIATION TO LERGING TO LEAST TO LONG TO	ME Y14.5-2009 ANCES APPLY: NGLES" ±0.5* CHES. SHARP EDGES BE 125 A.	DRAWN BY AJH CHECKED BY BL DATE C	07/20/2023 08/04/2023 DEBED PROPRIETARY TO ACME CORAWING SHOULD BE RETURNED AS DEBUT OF THE IN WHOLE OR IN DRAWING SHOULD BE RETURNED AS	OPE OF REGIST YOGENIC GLC SEE TABLE	DI	ACI	1060/1080			
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	PART NO.	PRODUCT DESCRIPTION	PRIMARY PRESSURE RETAINING COMPONENT	ASME / ANSI DESIGN STANDARD	SIZE OR SIZE RANGE		N PRESS		MDMT	ACTUAL WALL THICKNESS VS MIN REQUIRED	END CONNECTION & SIZE RANGE	ASME / ASTM MATERIAL SPECIFICATION	REF CALCULATION	DRAWING NO.	
В	81-2542-02701 81-2542-02710 81-2542-02714 88-2542-02964 88-2542-02967 88-2542-03725 78-2542-03730 78-2542-03735 78-2542-03387 78-2542-03388 78-2542-03389 78-2542-03585 78-2542-03590 78-2542-03595 78-2542-03595 78-2542-03292 81-2542-03292	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 2	600 F	PSIG @	150 °F	-425 °F	Ext Tube: 0.083/0.051 Va lve body: 0.25/0.247	NPS 2 BWE	SA-351 CF3; SA-312 TP 304/304L; SA-213 TP 304/304L; SA-182 F304/304L; SA-479 304/304L; SB-283 C64210; VITON; SA-320 B8, CL.1	E11003 Rev 7	81-2542-02571	В
	81-2542-02729 81-2542-02730 81-2542-02731 81-2542-02732 88-2542-02973 88-2542-02976 88-2542-02979 88-2542-02982 78-2542-03740 78-2542-03750 78-2542-03755 78-2542-03755 78-2542-03390 78-2542-03391 78-2542-03392 78-2542-03393 78-2542-03600 78-2542-03610 78-2542-03615	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS		NPS 3	600 F	PSIG @	150 °F	-425 °F	Ext Tube: 0.188/0.074 Valve body: 0.313/0.281	NPS 3 BWE	SA-351 CF3; SA-312 TP 304/304L; SA-213 TP 304/304L; SA-182 F304/304L; SA-479 304/304L; SB-283 C64210; VITON; SA-320 B8, CL.1	E11003 Rev 7	81-2542-02571	
A			Registration No0t File No	cchnical afety Authority Saskatchevvan C14626.53 101323 legistered lust 21, 2024 lne 26, 2034 ards Compliance Office			INT 1. THE FO XX: ± FRACT 2. ALL DII 3. REMOV .015 M 4. MACHII MICR-I 5. DO NO THIR	OTHERWISE SPECIFIC FEBRURE FOR ASM OLLOWING TOLERA OUT NOW: ±,005" TIONS: ±,1/32" AM MENSIONS ARE INC. #E ALL BURRS AND S ALL BURRS AND S AND SUBJECT OF BURCHES OR BETTER. TO SCALE DRAWING.	E Y14.5-2009 NCES APPLY: GLES" ±0.5* HES. SHARP EDGES E 125	DRAWN BY AJH DATE O CHECKED BY BL DATE O	07/17/2023 CR 07/20/2023 08/04/2023 08/04/2023 08/05/20 TO OTHER IN WHOLE OR IN LEASUNG SHOULD BE RETURNED. 15 PANNING SHOULD BE RETURNED. 15 UNIT DE OPERIOR OF THE PERIOR SHOULD BE AND OF THE PERIO	OPE OF REGISTRATION - YOGENIC GLOBE VALVES SEE TABLE DV	ACI RYOGE	1060/1080	A

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	PART NO.	PRODUCT DESCRIPTION	PRIMARY PRESSURE RETAINING COMPONENT	ASME / ANSI DESIGN STANDARD	SIZE OR		GN PRES		MDMT	ACTUAL WALL THICKNESS VS MIN REQUIRED	END CONNECTION & SIZE RANGE	ACME / ACTM M	ATERIAL SPECIFICATION	REF CALCULATION	DRAWING NO.	
В	81-2542-02751 81-2542-02752 81-2542-02754 81-2542-02754 88-2542-02985 88-2542-02988 88-2542-02991 88-2542-02994 78-2542-03765 78-2542-03770 78-2542-03775 78-2542-03394 78-2542-03395 78-2542-03397 78-2542-03397 78-2542-03620 78-2542-03625 78-2542-03635	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 4		PSIG @		-425 *F	Ext Tube: 0.188/0.088 Valve body: 0.375/0.314	NPS 4 BWE	SA-351 CF3; SA-213 TP 304/3 SA-479 304/3	A-312 TP 304/304L; 04L; SA-182 F304/304L; 04L; SB-283 C64210; A-320 B8, CL.1	E11003 Rev 7	81-2542-02571	В
	81-2542-02571 88-2542-02851 78-2542-03640 78-2542-03370 78-2542-03501 78-2542-03151	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.083/0.033 Valve body: 0.19/0.155	NPS 1/2 SWE	SA-213 TP 316/3	l; SA-479 316/316L; 16L; SA-182 F316/316L; A-320 B8, CL.1	E11003 Rev 7	81-2542-02571	
	81-2542-02609 88-2542-02889 78-2542-03660 78-2542-03374 78-2542-03520 78-2542-03189	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 3/4	600	PSIG @	150 °F	-425 ° F	Ext Tube: 0.083/0.033 Valve body: 0.19/0.156	NPS 3/4 SWE	SA-213 TP 316/3	l; SA-479 316/316 L; 16L; SA-182 F316/316L; A-320 B8, CL.1	E11003 Rev 7	81-2542-02571	
	81-2542-02625 88-2542-02905 78-2542-03680 78-2542-03378 78-2542-03540 78-2542-03205	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1	600	PSIG @	150 °F	-425 * F	Ext Tube: 0.083/0.033 Valve body: 0.20/0.174	NPS 1 SWE	SA-213 TP 316/3	I; SA-479 316/316 L; 16L; SA-182 F316/316L; A-320 B8, CL.1	E11003 Rev 7	81-2542-02571	
	81-2542-02648 88-2542-02928 78-2542-03700 78-2542-03382 78-2542-03560 78-2542-03228	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600	PSIG @	150 °F	-425 * F	Ext Tube: 0.083/0.042 Valve body: 0.22/0.212	NPS 1-1/2 SWE	SA-213 TP 316/3	I; SA-479 316/316 L; 16L; SA-182 F316/316L; A-320 B8, CL.1	E11003 Rev 7	81-2542-02571	
Α	81-2542-02687 88-2542-02961 78-2542-03720 78-2542-03386 78-2542-03580 78-2542-03266	V-SERIES (CVI) STRAIGHT-PATTERN GLOBE VALVE	BODY; BONNET; EXTENSION TUBE; FLANGE; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 2	600	PSIG @	150 °F	-425 * F	Ext Tube: 0.083/0.051 Valve body: 0.25/0.247	NPS 2 SWE	SA-213 TP 316/3	I; SA-479 316/316 L; 16L; SA-182 F316/316L; A-320 B8, CL.1	E11003 Rev 7	81-2542-02571	A
			Tools	nical						ORIGINAL					GINAL	
	INTERPRET PER ASME Y14.5-2009							DESIGN BY DMR DATE 05/23/2011 DRAWN BY AJH DATE 07/17/2023 CHECKED BY BL DATE 07/20/2023 APPROVED BY DRH DATE 08/04/2023 THIS DENING NO THE INFORMATION ORD DATA. CONTINUED HEREIN JAVE CONSIDERED PROPRIETRY TO JONE PART OF OPINI 13 DOVER) CONTINUED IN INCIDIONAL DESCRIPTION OF THE NECESSITY OF AND IN IT ON A CONTINUED HEREIN JAVE CONSIDERED PROPRIETRY TO JONE PART OF OPINI 13 DOVER) CONTINUED IN ITS DRINKINGS FOR WHICH IT IS DRINKING FOR THE PROPRIET OF THE PRO								
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		PRIMARY PRESSURE	ASME / ANSI	SIZE OR	DESIGN PRESSURE			ACTUAL WALL THICKNESS		END CONNECTION	ND CONNECTION		REF	
PART NO.	PRODUCT DESCRIPTION	RETAINING COMPONENT	DESIGN STANDARD	SIZE RANGE	@ MA	Х ТЕМРЕ	RATURE	MDMT	VS MIN REQUIRED	& SIZE RANGE	ASME / ASTM MATERIAL SPECIFICATION	CALCULATION	DRAWING NO.	
CV050PHHYVPxxxx CV050PAxxVPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.035/0.028 Valve body: 0.15/0.15	NPS 1/2 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV050PHHYVPxxxx CV050PAxxVPxxxx	
CV100PHHYVPxxxx CV100PAxxVPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.033 Valve body: 0.19/0.165	NPS 1 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV100PHHYVPxxxx CV100PAxxVPxxxx	
CV150PHHYVPxxxx CV150PAxxYVPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042 Valve body: 0.23/0.205	NPS 1-1/2 BW E	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV150PHHYVPxxxx CV150PAxxYVPxxxx	
CV200PHHYVPxxxx CV200PAxxYVPxxxx	MODEL CV (Acme) STRAIGHT-PATTERN GLOBE VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042 Valve body: 0.25/0.24	NPS 2 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV200PHHYVPxxxx CV200PAxxYVPxxxx	
CV050PAXXVP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.035/0.028 Valve body: 0.15/0.15 Bonnet: 0.375/0.164	NPS 1/2 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV050PAXXVP-CHK	
CV100PAXXVP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.033 Valve body: 0.19/0.165 Bonnet: 0.315/0.201	NPS 1 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV100PAXXVP-CHK	
CV150PAXXVP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042 Valve body: 0.23/0.205 Bonnet: 0.375/0.248	NPS 1-1/2 BW E	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV150PAXXVP-CHK	
CV200PAXXVP-CHK	MODEL CV (Acme) STRAIGHT-PATTERN CHECK VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042 Valve body: 0.25/0.24 Bonnet: 0.625/0.28	NPS 2 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	CV200PAXXVP-CHK	
YV100PHHYVPxxxxx YV100PAxxVPxxxx	MODEL CV (Acme) Y-PATTERN GLOBE VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.033 Valve body: 0.288/0.172	NPS 1 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	YV100PHHYVPxxxxx YV100PAxxVPxxxx	
YV150PHHYVPxxxx YV150PAxxVPxxxx	MODEL CV (Acme) Y-PATTERN GLOBE VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 1-1/2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042 Valve body: 0.341/0.205	NPS 1-1/2 BW E	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	YV150PHHYVPxxxx YV150PAxxVPxxxx	
YV200PHHYVPxxx YV200PAxxVPxxxx	MODEL CV (Acme) Y-PATTERN GLOBE VALVE W/ RISER	BODY; STUBS; EXTENSION TUBE; FLANGE; BONNET; GASKET; BOLTS	ASME B31.3 ASME B31.12 ASME B16.34	NPS 2	600	PSIG @	150 °F	-425 °F	Ext Tube: 0.049/0.042 Valve body: 0.341/0.240	NPS 2 BWE	SA-351 CF8M; SA-312 TP 316/316L; SA-213 TP 316/316L; SA-182 F316/316L; SA-479 316/316L; VITON; SA-320 B8, CL.1	E11003 Rev 7	YV200PHHYVPxxx YV200PAxxVPxxxx	

Technical
Safety Authority
of Saskatchewan 101323 August 21, 2024 Expiry Date: June 26, 2034

ORIGINAL

-	UNLESS OTHERWISE SPECIFIED	DESIGN BY	D 1 1 D	DATE	05/00/0011			
١	INTERPRET PER ASME Y14.5-2009		DMR		05/23/2011	٦		
	1. THE FOLLOWING TOLERANCES APPLY: .XX: ±.01" .XXX: ±.005" FRACTIONS: ± 1/32" ANGLES" ±0.5*	DRAWN BY	AJH	DATE	07/17/2023			
١	2. ALL DIMENSIONS ARE INCHES.	CHECKED BY		DATE		1]		
	REMOVE ALL BURRS AND SHARP EDGES .015 MAX	CILCRED DI	BL	DAIL	07/20/2023			
	 MACHINED SURFACE TO BE 125 MICR-INCHES OR BETTER. 	APPROVED BY	DRH	DATE	08/04/2023			
١	DO NOT SCALE DRAWING.				00,01,2020			
	THIRD ANGLE PROJECTION	THIS DRAWING AND THE INFORATION OR DATA CONTAINED HEREIN ARE CONSIDERED PROPRIETARY TO ACME CRYOGENICS, INC. AND IS NOT TO BE COPIED, REPRODUCED, DUPLICATED OR DISCLOSED TO OTHER IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF ACME CRYOGENICS, INC. THE DRAWING SHOULD BE RETURNED AS						

SCOPE OF REGISTRATION -CRYOGENIC GLOBE VALVES

CRYOGENICS **РАКТ ОБ ОРЖ** | а **- DOWER** СОПРАЛУ DWG NO. CRN-1060/1080

P/N: SEE TABLE

PART WITHOUT THE PRIOR WRITTEN CONSENT OF ADMIC EXTLAGENCE, JUIL. HE LAWRINGS AND LAD BE ACCUMENT AND THE PROJECTION OF THE RECIPIENT SHOULD BE PROPERLY SAFEDIARDED AGAINST DISCLOSURE TO ANYONE EXCEPT EMPLOYEES WHO REQUIRE IT FOR WORK OR A JOB. THIS RESTRICTION SHALL NOT APPLY TO INFORMATION OR DATA CONTAINED HEREIN WHICH IS AVAILABLE TO B SHEET: SHEET 8 OF 8

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