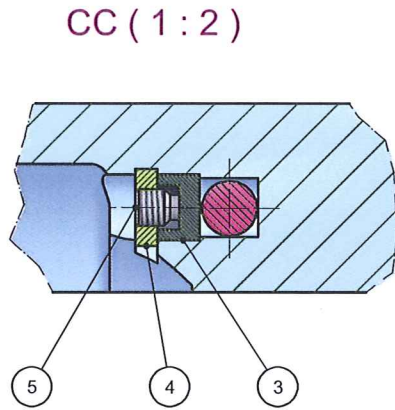
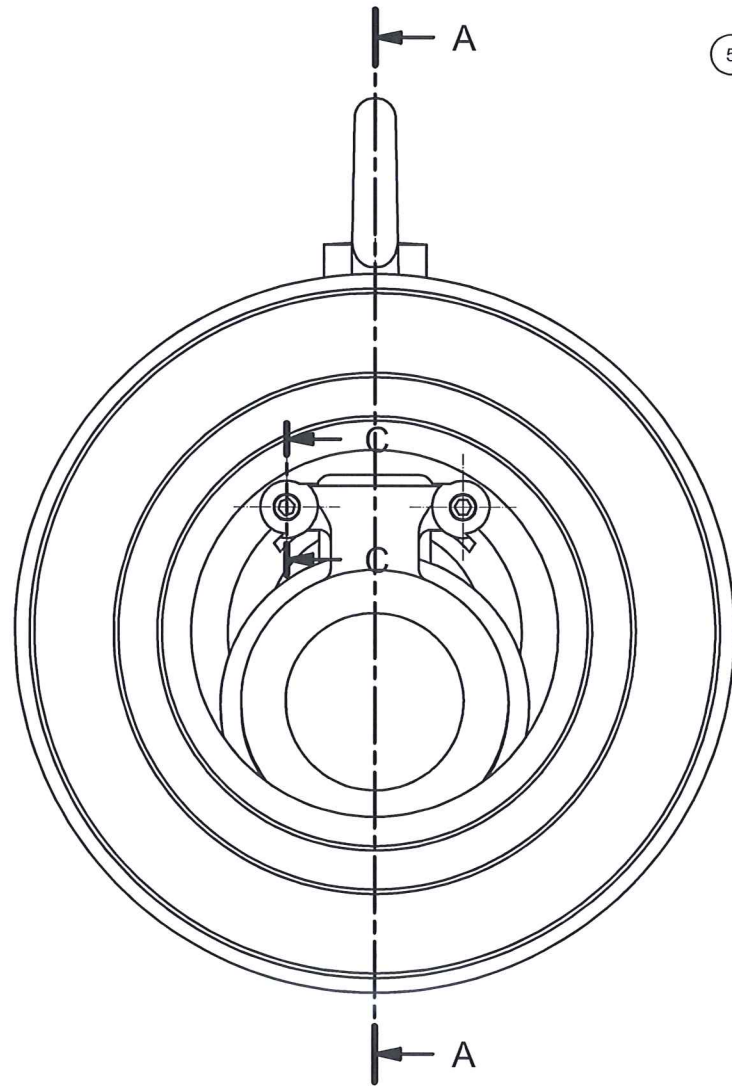


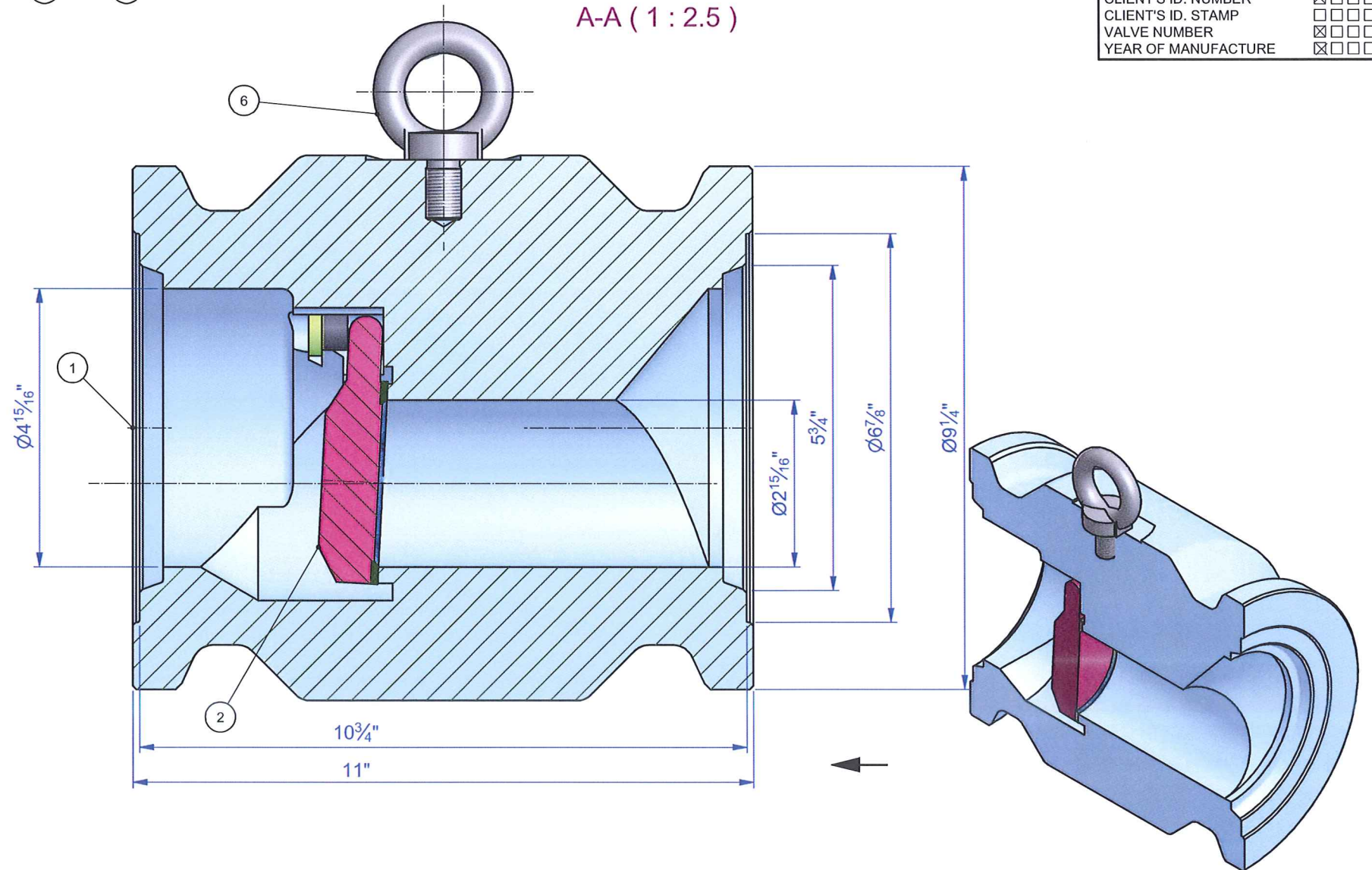
\\FREDDI\Drawings\Inventor\Modells\CHECKS\CHKW150H156579\56579-00.idw 13-10-2010

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	Design hubends	01-11-2011	JHV
2	Doc nr added	26-03-2012	JHV



Dimensions are certified by
Merwede Valves QA

H.A. van Bruggen
Hv. Bruggen



DESIGN acc.to B16.34/API class		
PRESS. acc B16.34	TEMP. -20 TO 150 °C	
PRESSURE TEST acc.to API 598		
BODY hydr.	SEAT hydr.	SEAT air
9255 psi	6787 psi	90 psi
SIZE		BODY
RATING		☑ ☐ ☐ ☐
MATERIAL		☑ ☐ ☐ ☐
CHARGE NUMBER		☑ ☐ ☐ ☐
ARROW FLOW DIRECTION		☑ ☐ ☐ ☐
MANUFACTURERS SYMBOL		☑ ☐ ☐ ☐
"CE" SYMBOL		☐ ☐ ☐ ☐
NOTIFIED BODY ID.		☐ ☐ ☐ ☐
N.D.T. SYMBOL		☑ ☐ ☐ ☐
MANUF. INSP. STAMP		☑ ☐ ☐ ☐
INSPECTION AUTH. STAMP		☐ ☐ ☐ ☐
CLIENT'S ID. NUMBER		☑ ☐ ☐ ☐
CLIENT'S ID. STAMP		☐ ☐ ☐ ☐
VALVE NUMBER		☑ ☐ ☐ ☐
YEAR OF MANUFACTURE		☑ ☐ ☐ ☐

ID. : 237
Tag no.: CXG 14
Pipe spec: G14
Pipe sch.: 0,875"

Dimensions in inches
Weight : 161 lbmass

T000-PIP-DTL-VEN-P25B-00030-00

Parts List			
ITE	QTY	DESCRIPTION	MATERIAL
1	1	Body Valve Check	ASTM A350-LF2 NACE
2	1	Disc check	UNS31803/Stellited
3	2	Hingepen 18-11.5	UNS31803
4	2	Locking Ring	UNS31803
5	2	Locking screw	A4-70
6	1	Lifting Eyebolt	Steel

Size/Description/Rating/Ends:

Checkvalve 6" 2500 lbs
Hub 6Gr52



HARDINXVELD - GIESSENDAM
THE NETHERLANDS

Design:	jhvanvliet	1-9-2011	Scale: 0,4:1
Checked:	HVB	6-9-2011	Revision: 2

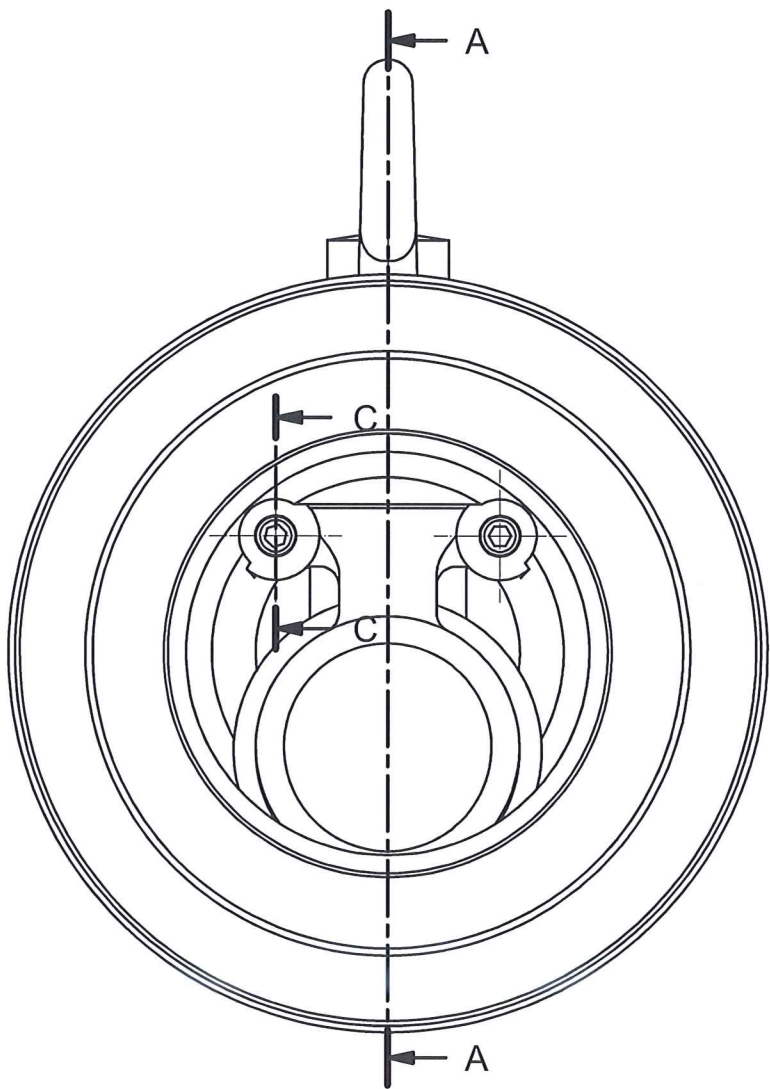
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A3

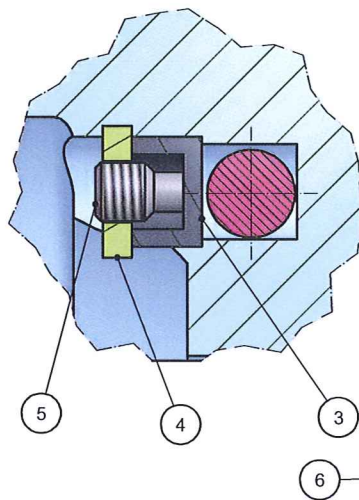
Drawing No:
56579-00

T:\Inventor\Models\CHECKS\CHECKW100H156576-00.idw 13-10-2010

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	Design hubends	01-11-2011	JHV
2	Doc nr added	26-03-2012	JHV



CC (1:1)

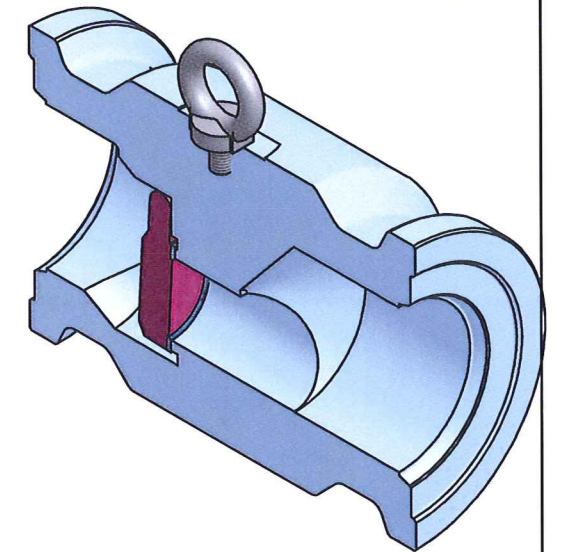
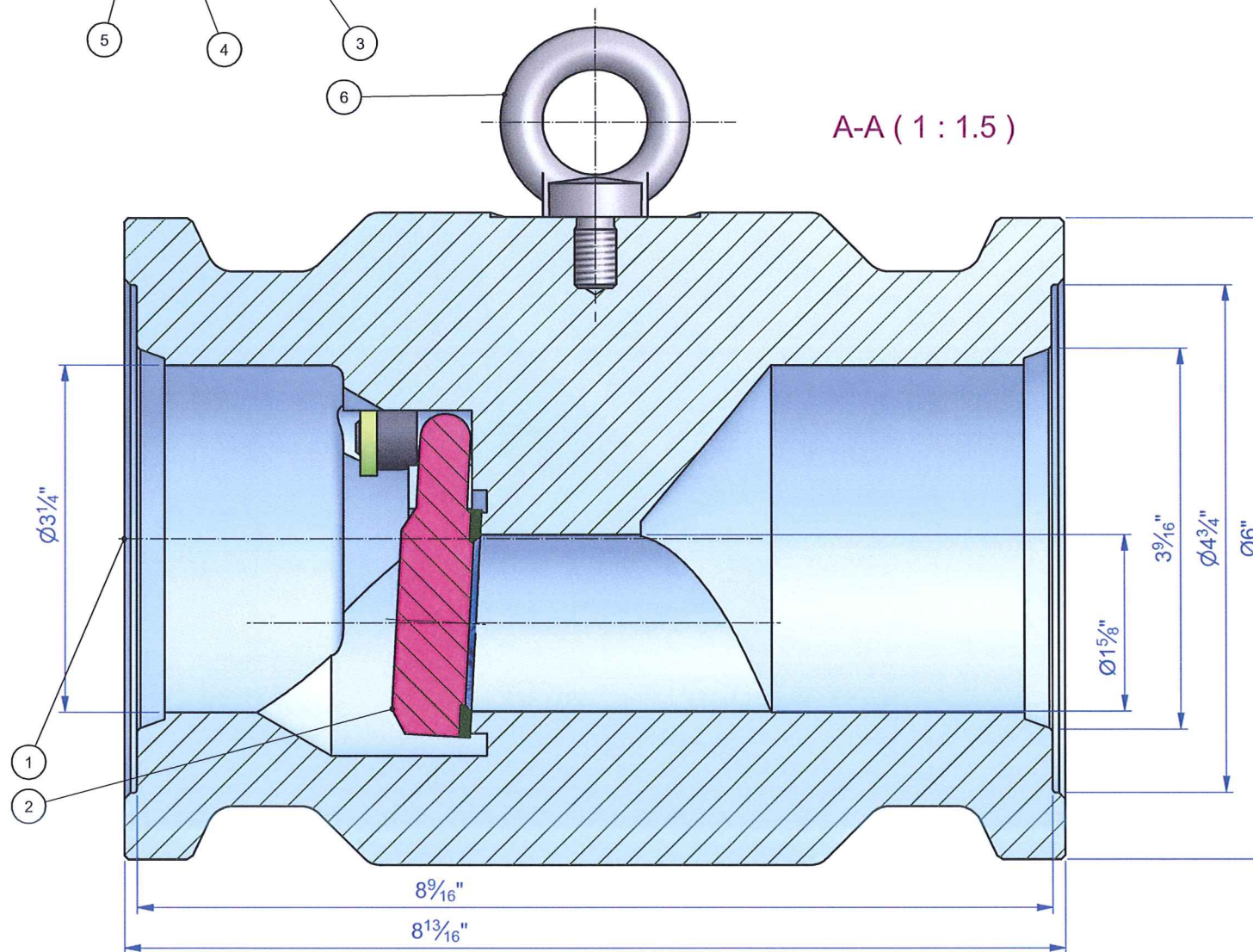


Dimensions are certified by
Merwede Valves QA

H.A. van Bruggen

H.A. van Bruggen

A-A (1:1.5)



DESIGN acc.to B16.34/API class		
PRESS. acc B16.34	TEMP. -20 TO 200 °C	
PRESSURE TEST acc.to API 598		
BODY hydr.	SEAT hydr.	SEAT air
9255 psi	6787 psi	90 psi
SIZE		BODY
RATING		☒
MATERIAL		☒
CHARGE NUMBER		☒
ARROW FLOW DIRECTION		☒
MANUFACTURERS SYMBOL		☒
"CE" SYMBOL		☒
NOTIFIED BODY ID.		☒
N.D.T. SYMBOL		☒
MANUF. INSP. STAMP		☒
INSPECTION AUTH. STAMP		☒
CLIENT'S ID. NUMBER		☒
CLIENT'S ID. STAMP		☒
VALVE NUMBER		☒
YEAR OF MANUFACTURE		☒

IDno.: 238
Tagno.: CXG1B
Pipe spec: G1A
Pipe sch: XXS

Weight : 49 lbmass
Dimensions in inches

T000-PIP-DTL-VEN-P25B-00030-00

Parts List			
ITE	QTY	DESCRIPTION	MATERIAL
1	1	Body Valve Check	ASTM A350-LF2
2	1	Disc check	UNS31803/Stellited
3	2	Hingepen	UNS31803
4	2	Locking Ring	UNS31803
5	2	Locking screw	A4-70
6	1	Lifting Eyebolt	Steel, Mild

Size/Description/Rating/Ends:

Checkvalve 4" 2500 lbs
Hub 4Gr31



HARDINXVELD - GIESSENDAM
THE NETHERLANDS

Design:	HVB	5-10-2011	Scale: 0,67:1
Checked:	JHV	6-10-2011	Revision: 2

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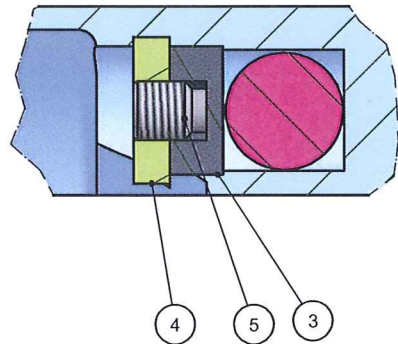
A3

Drawing No:
56576-00

T:\Inventor\Modellen\CHECKVALVES\3000G\56578-00.idw 13-10-2010

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	Design hubends FTF	02-11-2011	JHV
2	Pressure designation changed from 1500 to 2500 lbs	07-03-2012	JHV
3	Doc nr added	26-03-2012	JHV

CC (1:2)

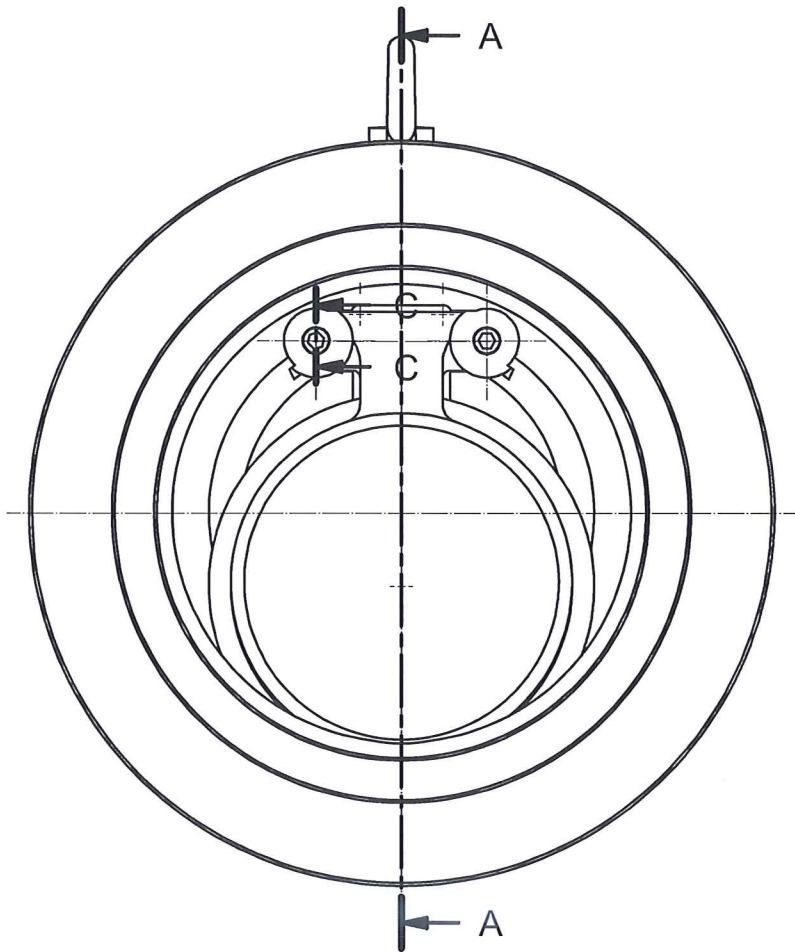


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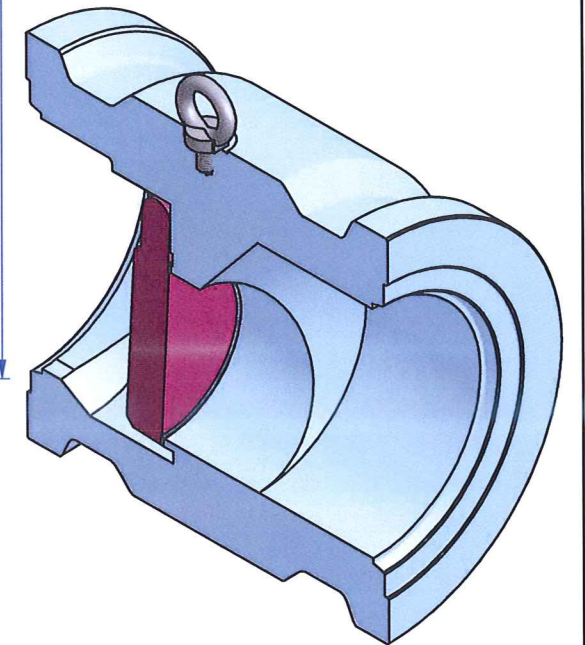
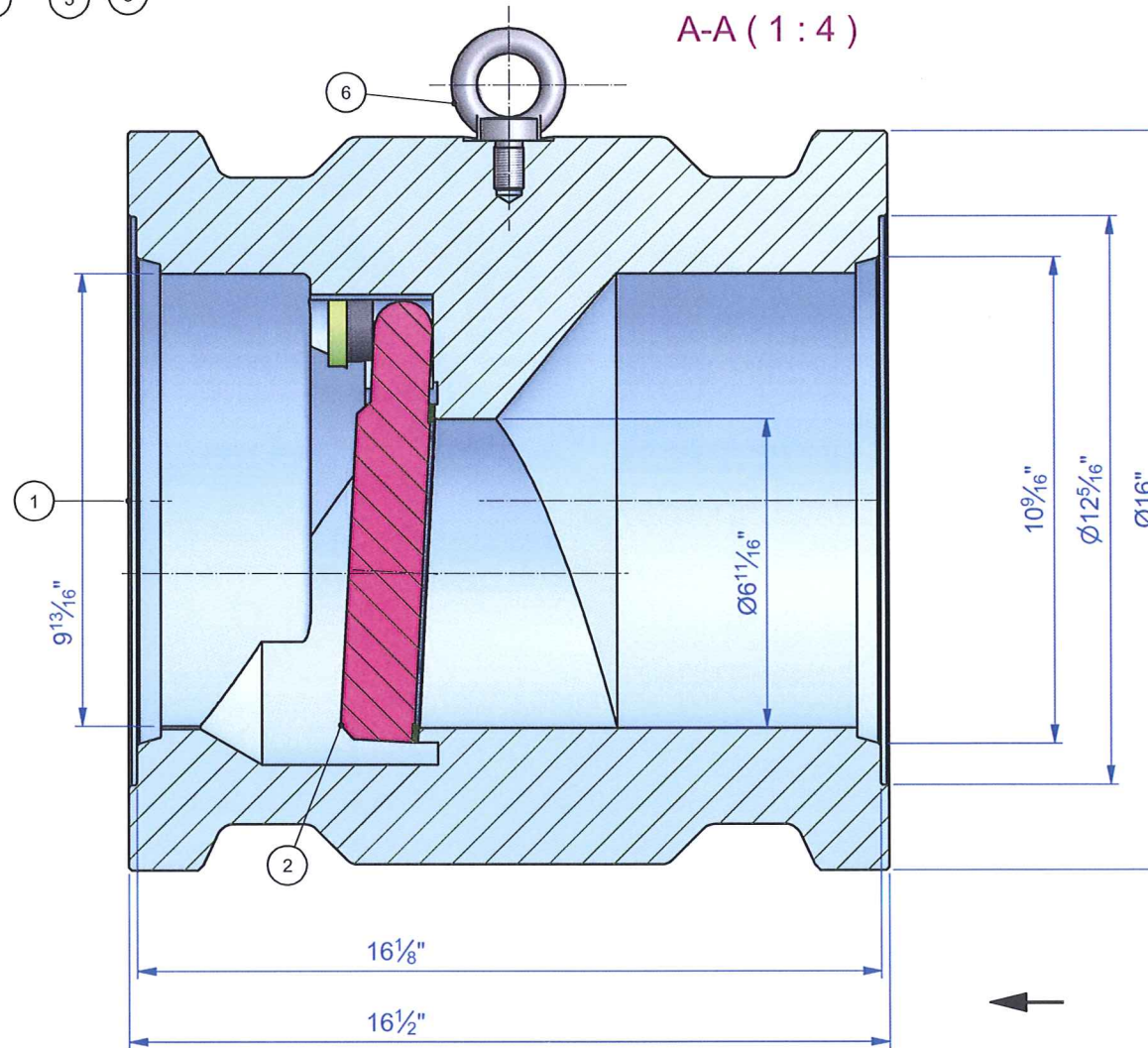
J.H. van Vliet

J.H. van Vliet

DESIGN acc.to B16.34/API class		
PRESS. acc B16.34	TEMP. -20 TO 150 °C	
PRESSURE TEST acc.to API 598		
BODY hydr.	SEAT hydr.	SEAT air
9255 psi	6787 psi	90 psi
BODY		
SIZE	☒	☐
RATING	☒	☐
MATERIAL	☒	☐
CHARGE NUMBER	☒	☐
ARROW FLOW DIRECTION	☒	☐
MANUFACTURERS SYMBOL	☒	☐
"CE" SYMBOL	☒	☐
NOTIFIED BODY ID.	☐	☐
N.D.T. SYMBOL	☒	☐
MANUF. INSP. STAMP	☒	☐
INSPECTION AUTH. STAMP	☐	☐
CLIENT'S ID. NUMBER	☒	☐
CLIENT'S ID. STAMP	☐	☐
VALVE NUMBER	☒	☐
YEAR OF MANUFACTURE	☒	☐



A-A (1:4)



ID nr: 240
Tagno: CXG 1B
Pipe spec: G1A
Pipe sch.: 1,5"

Dimensions in inches
Weight : 558 lbmass

T000-PIP-DTL-VEN-P25B-00030-00

Parts List			
ITE	QTY	DESCRIPTION	MATERIAL
1	1	Body Valve Check	ASTM A350-LF2
2	1	Disc check	UNS31803/Stellited
3	2	Hingepen	UNS31803
4	2	Locking Ring	UNS31803
5	2	Locking screw	A4-70
6	1	Lifting Eyebolt	Steel

Size/Description/Rating/Ends:

Checkvalve 12" 2500 lbs
Hub 12M97



HARDINXVELD - GIESSENDAM
THE NETHERLANDS

Design:	jhvanvliet	4-10-2011	Scale: 1:4
Checked:	HVB	6-10-2011	Revision: 3

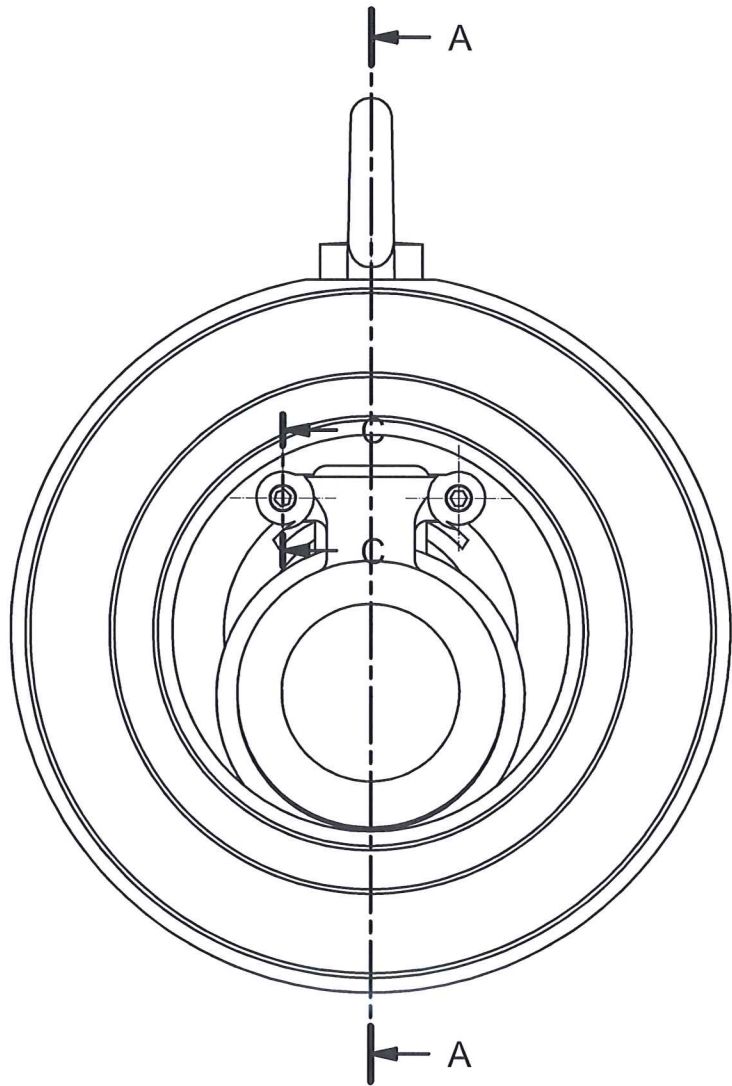
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A3

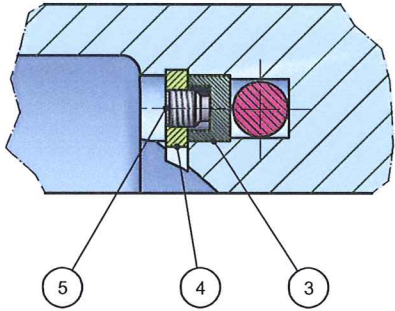
Drawing No:
56578-00

T:\Inventor\Models\CHECKVALVES\CHKV150K156571-00.idw 13-10-2010

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	Design hubends	1-11-2011	jhv
2	Doc nr added	26-03-2012	jhv



CC (1:2)

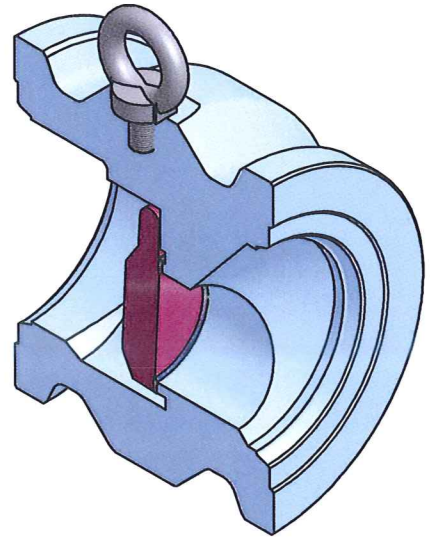
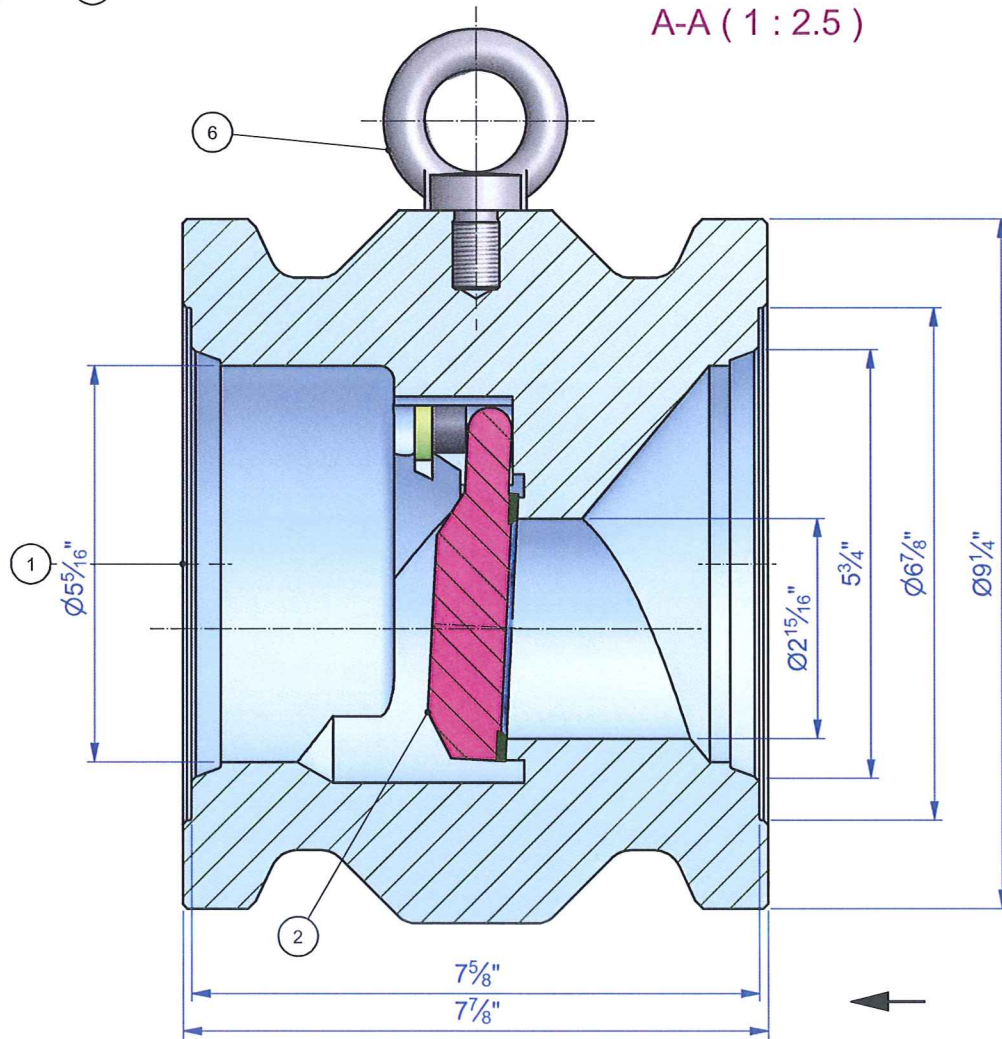


Dimensions are certified by
Merwede Valves QA

H.A. van Bruggen

H.A. van Bruggen

A-A (1:2.5)



DESIGN acc.to B16.34/API class		
PRESS. acc B16.34	TEMP. -20 TO 150 °C	
PRESSURE TEST acc.to API 598		
BODY hydr.	SEAT hydr.	SEAT air
15000 psi	11000 psi	90 psi
SIZE		BODY
RATING		☒
MATERIAL		☒
CHARGE NUMBER		☒
ARROW FLOW DIRECTION		☒
MANUFACTURERS SYMBOL		☒
"CE" SYMBOL		☐
NOTIFIED BODY ID.		☐
N.D.T. SYMBOL		☒
MANUF. INSP. STAMP		☒
INSPECTION AUTH. STAMP		☐
CLIENT'S ID. NUMBER		☒
CLIENT'S ID. STAMP		☐
VALVE NUMBER		☒
YEAR OF MANUFACTURE		☒

ID. : 241
Tag no.: CXK 10
Pipe spec: K10
Pipe sch.: 160

Dimensions in inches
Weight : 102 lbmass

T000-PIP-DTL-VEN-P25B-00030-00

Size/Description/Rating/Ends:

Checkvalve 6" 10000psi
Hub 6Gr52



HARDINXVELD - GIESSENDAM
THE NETHERLANDS

Design: jhvanvliet

1-9-2011

Checked: HVB

6-9-2011

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Drawing No:

56571-00

Scale: 0,4:1

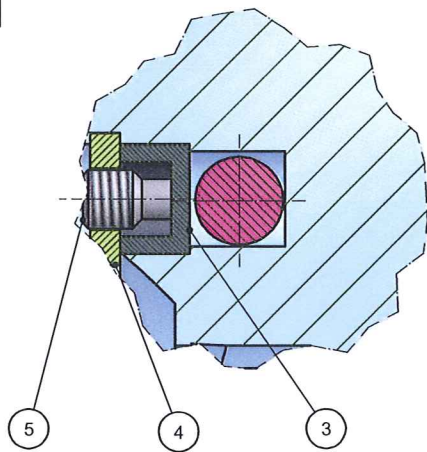
Revision: 2

A3

Parts List			
ITE	QTY	DESCRIPTION	MATERIAL
1	1	Body Valve Check	AISI 4130 (75K)
2	1	Disc check	UNS31803/Stellited
3	2	Hingepen 18-11.5	UNS31803
4	2	Locking Ring	UNS31803
5	2	Locking screw	A4-70
6	1	Lifting Eyebolt	Steel

T:\Inventor\Models\CHECKS\CHKW100K\56572-00.dwg 13-10-2010

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	Design hubends	28-10-2011	JHV
2	Doc nr added	26-03-2012	JHV



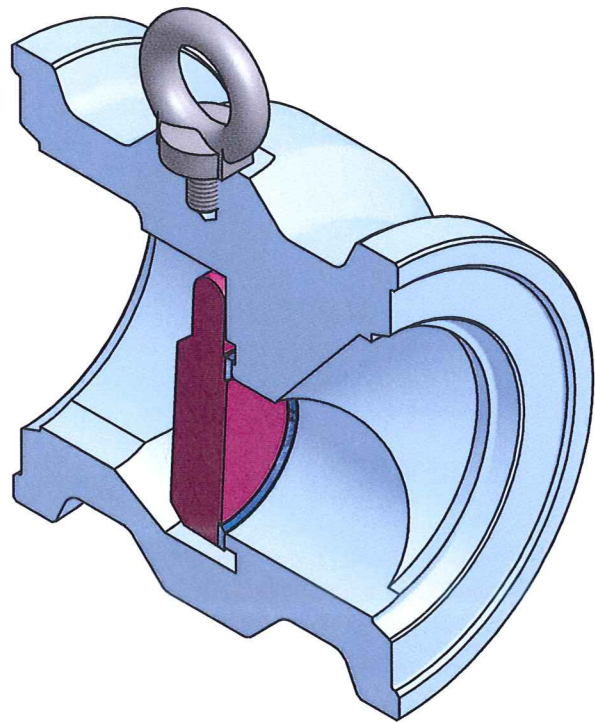
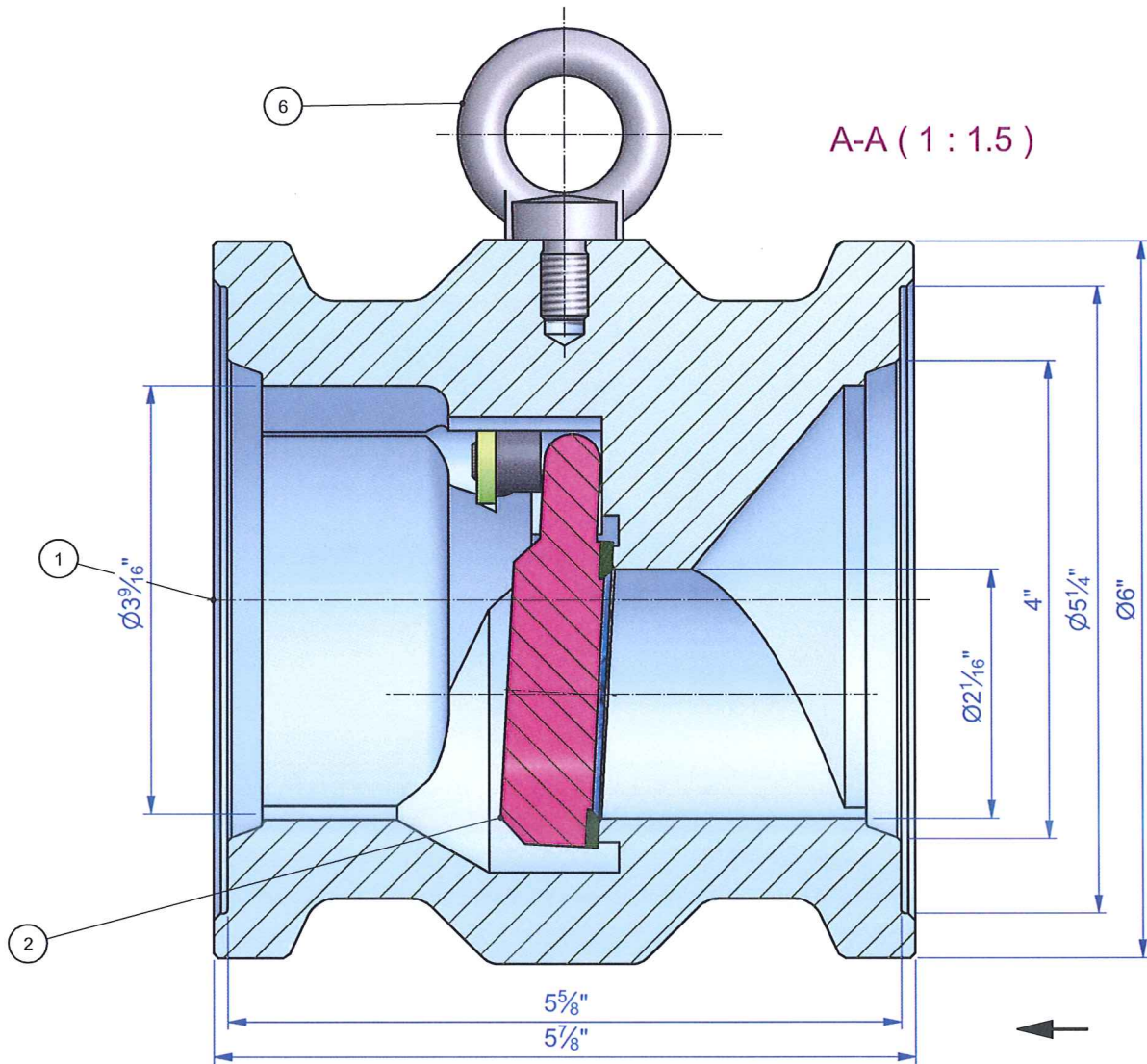
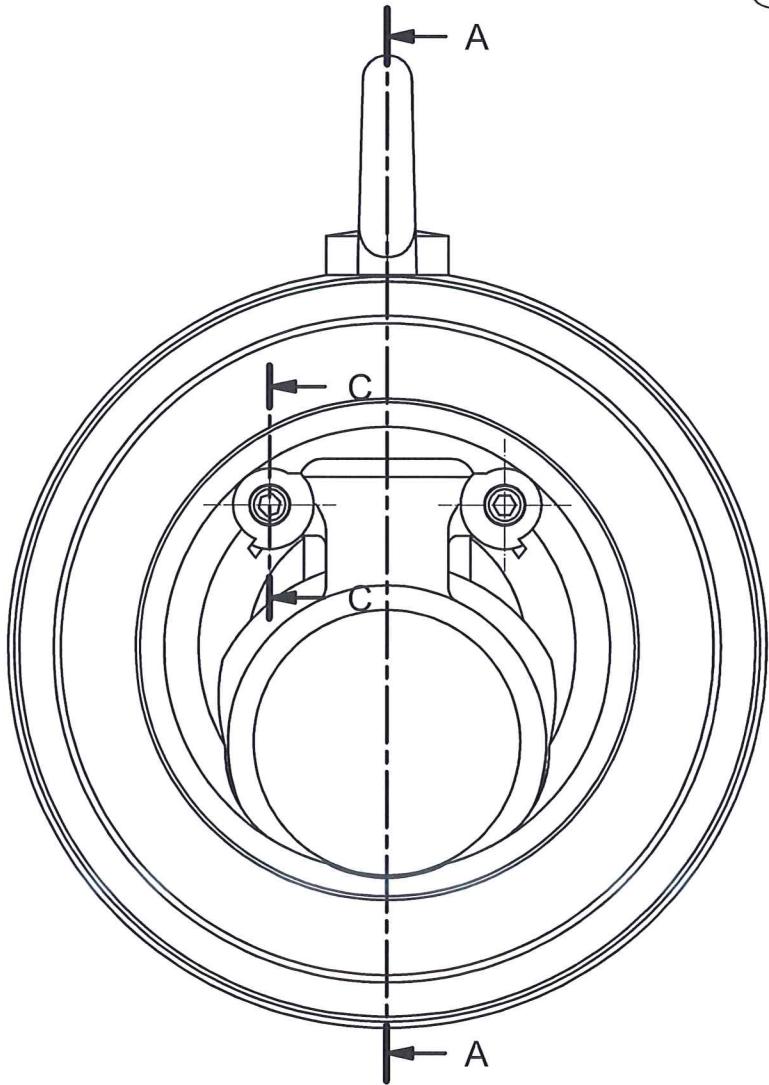
CC (1:1)

Dimensions are certified by
Merwede Valves QA

H.A. van Bruggen

H.A. van Bruggen

DESIGN acc.to B16.34/API class		
PRESS. acc B16.34	TEMP. -20 TO 200 °C	
PRESSURE TEST acc.to API 598		
BODY hydr.	SEAT hydr.	SEAT air
15000 psi	11000 psi	90 psi
		BODY
SIZE		☒ ☐ ☐ ☐
RATING		☒ ☐ ☐ ☐
MATERIAL		☒ ☐ ☐ ☐
CHARGE NUMBER		☒ ☐ ☐ ☐
ARROW FLOW DIRECTION		☒ ☐ ☐ ☐
MANUFACTURERS SYMBOL		☒ ☐ ☐ ☐
"CE" SYMBOL		☐ ☐ ☐ ☐
NOTIFIED BODY ID.		☐ ☐ ☐ ☐
N.D.T. SYMBOL		☒ ☐ ☐ ☐
MANUF. INSP. STAMP		☒ ☐ ☐ ☐
INSPECTION AUTH. STAMP		☐ ☐ ☐ ☐
CLIENT'S ID. NUMBER		☒ ☐ ☐ ☐
CLIENT'S ID. STAMP		☐ ☐ ☐ ☐
VALVE NUMBER		☒ ☐ ☐ ☐
YEAR OF MANUFACTURE		☒ ☐ ☐ ☐



T000-PIP-DTL-VEN-P25B-00030-00

ID nr: 242
Tagno.: CXK 16
Pipe spec: K17
Pipe sch: 160
Weight : 28 lbmass
Dimensions in inches

Size/Description/Rating/Ends:

Checkvalve 4" 10000psi
Hub 4Gr34



HARDINXVELD - GIESSENDAM
THE NETHERLANDS

Design: HVB 6-9-2011
Checked: jhv 6-9-2011

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Drawing No:

56572-00

Scale: 0,67:1

Revision: 2

A3

Parts List			
ITE	QTY	DESCRIPTION	MATERIAL
1	1	Body Valve Check	UNS S32760
2	1	Disc check	UNS S32760/Stellited
3	2	Hingepen 15-9.5	UNS S32760
4	2	Locking Ring	UNS S32760
5	2	Locking screw	A4-70
6	1	Lifting Eyebolt	Stainless steel