

Client: AB GF Swedenborg
Project: Siemens (Catalagzi)
Order-No.: 77199
Ident-No.: *
Marking: --

ADAMS Order-No.: 33-0704-082 / 01
ADAMS Serial-No.: 82676 - 82677
Production Year: 2008

Valve Type: SCV
Operation: Non Return Valve
Medium: Steam
Fluid Group: --
Design: AD 2000

Nominal Size: 150 / 6"
Body Connection: Welding End
Flange acc. to: --
Flange Connection: --
Body Rating: PN 64
Trim Rating: PN 64

Operating Data

Operating Temperature: 485 °C
Operat. Pres.: 24 bar at 485 °C
Δp: 24 bar at 485 °C

Design Data

max. allow. Temp.: 500 °C
max. allow. Pres.: 26 bar at 500 °C
max. allow. Δp: 24 bar at 500 °C
Δp Actuator: 24 bar

Gear: --
Actuator: RCQ240 SR80
Stroking Time: 1,0 sec
Voltage: 24 V DC

Accessories: Remote Switch Box RCE4
Herion 5/3 Directional Control Valve
Herion 3/2 Directional Control Valve
Fisher Filter Regulator 67CFR
Buschjost 2/2-way valve

Documentation

Assembly DWG: 0704.082.001.30A.01.2-B
Parts List: 30B.00R.0A2.AA1.E.XD1.4-B
Dimensional DWG: 0704.082.001.30O.01.4-B
Installation, Operation & Maintenance Manual: 30Z.01.A
QS-Documentation: QS-0704-082-01
Data Sh./Characteristic: --
Instrumentation: --
Calculation: --

* 82676=LBD10AA020 (1CSD415065-2)
82677=LBD10AA025 (1CSD415065-2)

Material

Valve Body: 1.7357+QT
Disc: 1.7380
Shaft: H 1150 D
Sealing: --



The operator has to guarantee, that the valve is only use for the specified medium. Above-mentioned datas of pressure and temperatures must not be exceeded.
The valve and equipment can be a source of serious danger due to improper use.

Original Date: 28.4.2008 Prepared by: Ev / Sw
Rev. 01 Date: Prepared by:
Description:

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Order-Nr.:	33-0704-082 / 01
Serial-No.:	82676 - 82677
Valve type:	SCV
Nominal Pipe Size:	150 / 6"
Rating:	PN 64

Valve

Dimensional Drawing No.:	0704.082.001.30O.01.4-B
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Assembly Drawing No.:	0704.082.001.30A.01.2-B
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Parts List:	30B.00R.0A2.AA1.E.XD1.4-B
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Installation, Operation and Maintenance Manual	30Z.01.B-GB
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Einbau-, Betriebs- und Wartungsanleitung	30Z.01.B-D
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QS-Documentation

QS-Documentation	QS-0704-082-01
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Actuator / Gear

RCQ240 SR80

- Technical Data
- Instruction
- ATEX

Accessories

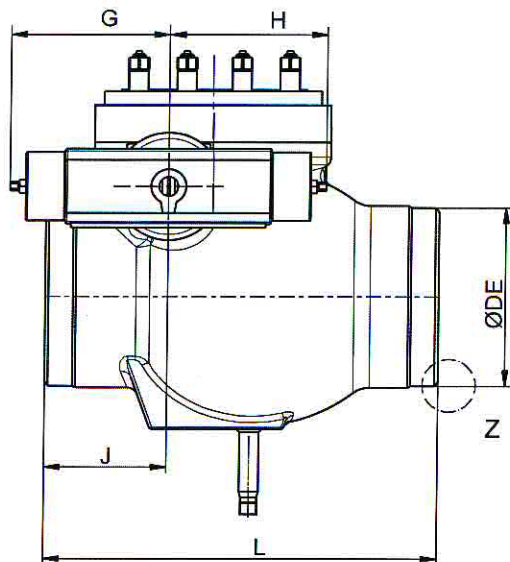
Remote Switch Box RCE4

Herion 5/2 Directional Control Valve

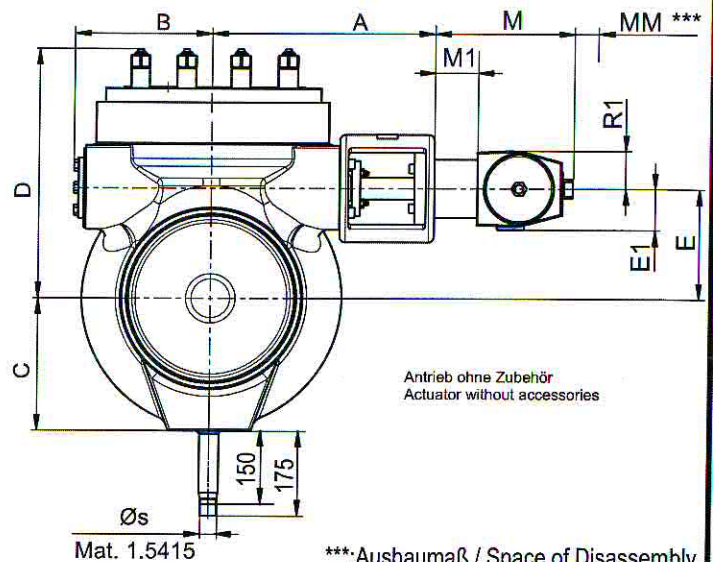
Herion 3/2 Directional Control Valve

Fisher Filter Regulator 67CFR

Buschjost 2/2-way valve



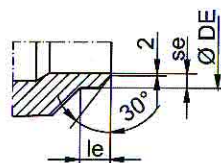
Strömungsrichtung
Flow Direction



Antrieb ohne Zubehör
Actuator without accessories

***: Ausbaumaß / Space of Disassembly

Z



DN / s in mm / inch
Alle anderen Abmessungen in mm
L = Baulänge
W = Gewicht in kg

Antriebssteuerdruck min. 5 bar

Weitere Ausführungen auf Anfrage

DN / s in mm / inch
All other dimensions in mm
L = Face to Face
W = Weight in kg

Actuator working pressure min. 5 bar

Further Design on Request

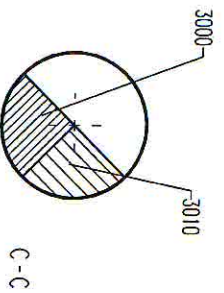
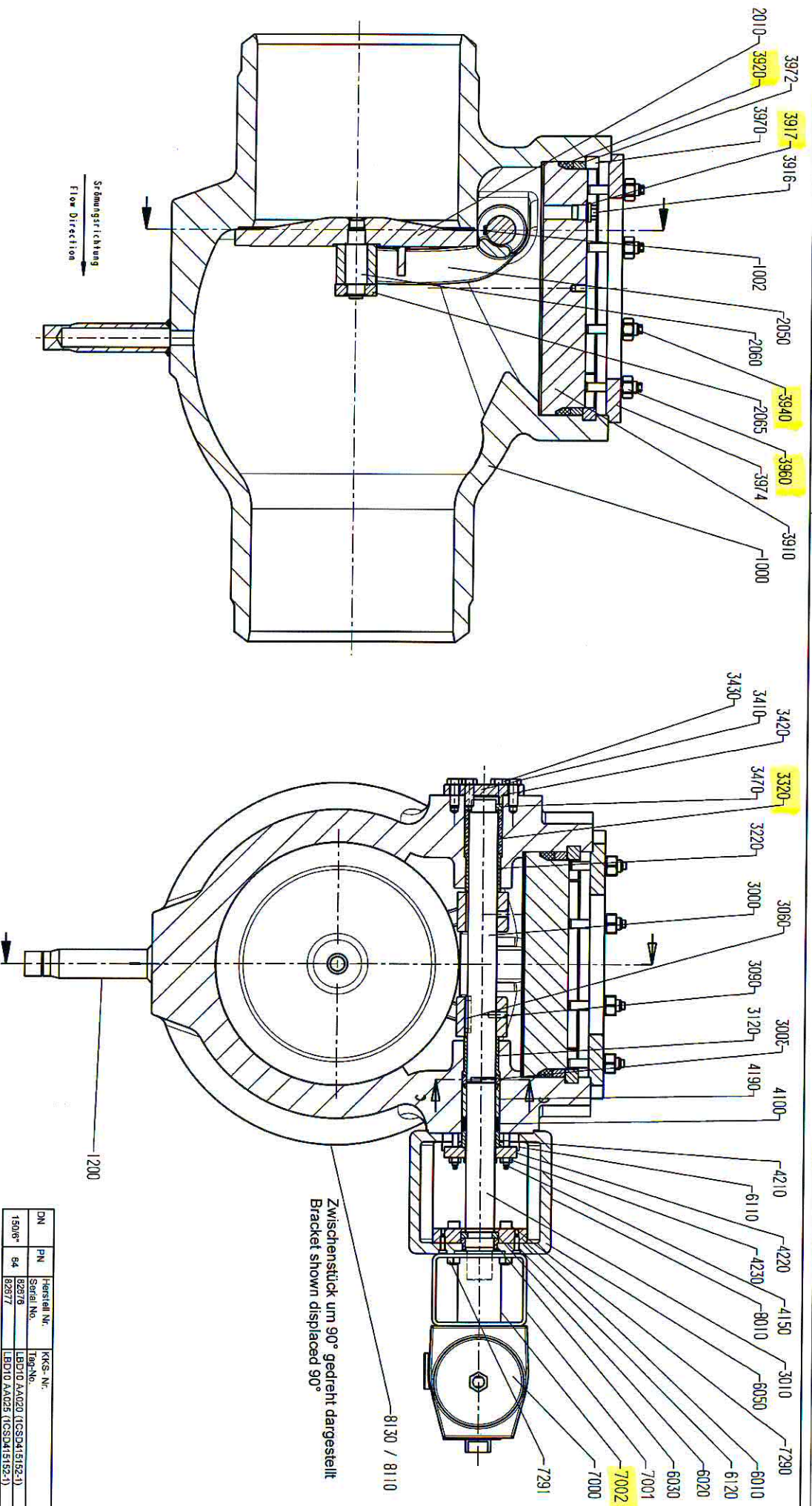
DN	PN	Herstell Nr. Serial No.	KKS- Nr. Tag-No.
150/6"	64	82676	LBD10 AA020 (1CSD415152-1)
		82677	LBD10 AA025 (1CSD415152-1)

DN	PN	A	B	C	s	D	E	E1	R1	G	H	J	L	M	M1	MM	DE	se	le	W	Body Mat.
150/ 6	64	342	200	160	25/1	286	115	55	49	200	200	200	559	430	300	35	168,3	5,6	50	127	1.7357+QT

25.06.07 kl/ks/ks

Änderungen vorbehalten
Subject to Modification

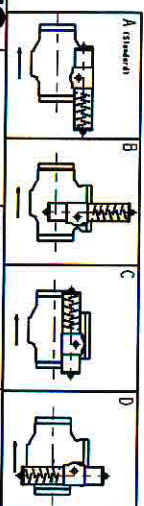
0704.082.001.300.01.4-B



Kupplung von Antriebs- und Klopfenwelle
in geschlossener Stellung dargestellt
Clutches of drive shaft & disc shaft
are shown in closed position

DN	PN	Hersteller-Nr.	KKS-Nr.
150/6"	64	92976	1BD10 AAO20 (1CSD415152-1)
		82977	1BD10 AAO25 (1CSD415152-1)

Strömungsrichtung
Flow Direction



ADAMS
VALVES

Modul
Erstellt (Rf. :
Erstellt durch :
Rückschlagklappe
Swing-Check-Valve

SCV
0704.082.001.30A.01.2-B



TEILELISTE / PARTS LIST
RÜCKSCHLAGKLAPPE / SWING-CHECK-VALVE
MIT ANTRIEB / WITH ACTUATOR
ASME ≥ Cl. 600 MAX. DN 250 / NPS 10" TEMP. >400°C

Typ / Type

SCV

Pos	Benennung	Designation	Material	DIN Mat.No.	ASTM (or equivalent)
1000	Gehäuse	Valve body	G17CrMo5-5+QT	1.7357+QT	A 217 WC6
1002	Sitzbeschichtung	Seat facing	E 17 B 22	1.4015	E 430-15
1200	Entwässerungsstutzen	Drain port	16Mo3+QT	1.5415+QT	
2010	Klappe	Disc	10CrMo9-10+NT	1.7380	A 387 Gr 22
2050	Hebel	Lever	G17CrMo5-5+QT	1.7357+QT	A 217 WC6
2060	Bolzen	Stud			A 564 TP 630 H1150
2065	Lochmutter (4 Löcher)	Round nut (4 holes)			A 564 TP 630 H1150
3000	Klappenwelle	Disc Shaft			A 564 TP 630 H1150
3010	Antriebswelle	Drive shaft			A 564 TP 630 H1150
3060	Paßfeder	Parallel key	A4-70		A 240 TP 316 (Ti)
3090	Zylinder Stift	Parallel pin	A4-70		A 276 TP 316 (Ti)
3120	Lagerbuchse	Bearing	EN-GJSA-XNiCr20-2	EN-JS3011	A 439 TP D2
3220	Lagerbuchse	Bearing	EN-GJSA-XNiCr20-2	EN-JS3011	A 439 TP D2
3300	Distanzbuchse	Spacer	X5CrNi18-10+AT	1.4301+AT	A 276 Gr 304
3320	Distanzbuchse	Spacer	X5CrNi18-10+AT	1.4301+AT	A 276 Gr 304
3410	Deckel	Cap	G17CrMo5-5+QT	1.7357+QT	A 217 WC6
3420	Deckeldichtung	Gasket	Graphit		Graphite
3430	Sechskantschraube	Hexagon screw	21CrMoV 5-7+QT	1.7709+QT	
3470	Geteilter Ring	Thrust bearing	EN-GJSA-XNiCr20-2	EN-JS3011	A 439 TP D2
3910	Domdeckel	Bonnet	16Mo3+N	1.5415	
3916	Verschlußschraube	Plug	A4-70		F 738M Cl A4-70
3917	Dichtung	Gasket	Weicheisen		Soft Iron
3920	Deckeldichtung	Gasket	X6CrNiTi18-10+AT/Graphit	1.4541 / Graphit	A 240 Gr 321 / Graphite
3940	Dehnschraube	Expansion bolt	21CrMoV 5-7+QT	1.7709+QT	
3960	Mutter (für Dehnschr.)	Nut (for expansion bolt)	24CrMo 5	1.7258	A 194 Gr4
3970	Geteilter Ring	Thrust bearing	16Mo3+N	1.5415	
3972	Druckring	Thrust Collar	13CrMo4-5+NT	1.7335	A 387 Gr 12
3974	Spannring	Straining ring	16Mo3+N	1.5415	
4100	Stopfbuchspackung	Packing	Graphit		Graphite
4150	Stiftschraube	Stud	21CrMoV 5-7+QT	1.7709+QT	
4190	Lagerbuchse	Bearing	EN-GJSA-XNiCr20-2	EN-JS3011	A 439 TP D2
4210	Brillenbuchse	Gland bushing	X5CrNi18-10+AT	1.4301+AT	A 276 Gr 304
4220	Brillenflansch	Gland flange	X5CrNi18-10+AT	1.4301+AT	A 240 Gr 304
4230	Sechskantmutter	Hexagon nut	24CrMo 5	1.7258	A 194 Gr4
6010	Deckel	Cap	P265GH+N / P250GH+N	1.0425 / 1.0460	A 516 Gr 60 / A 696 Gr B
6020	Geteilter Ring	Thrust bearing	EN-GJSA-XNiCr20-2	EN-JS3011	A 439 TP D2
6030	Lagerbuchse	Bearing	EN-GJSA-XNiCr20-2	EN-JS3011	A 439 TP D2
6050	Zwischenstück	Bracket	EN-GJS-400-15	EN-JS1030	A 536 Gr.60-40-18
6110	Zylinderschraube	Screw	A4-70		F 738M Cl A4-70
6120	Zylinderschraube	Screw	A4-70		F 738M Cl A4-70
7000	Antrieb	Actuator	divers	divers	various
7001	Antriebszwischenstück	Actuator bracket	divers	divers	various
7002	Kupplung	Coupling	divers	divers	various
7290	Zylinderschraube	Screw	A4-70		F 738M Cl A4-70
7291	Sechskantmutter	Hexagon nut	A4-70		F 738M Cl A4-70
8010	Typenschild	Type plate	X6CrNiMoTi17-12-2+AT	1.4571+AT	A 240 Gr 316Ti
8110	Richtungspfeil	Arrow	X5CrNi18-10+AT	1.4301+AT	A 240 Gr 304
8130	Schild 'Strömungsrichtung'	Tag 'Flow Direction'	X5CrNi18-10+AT	1.4301+AT	A 240 Gr 304
▲	Verschleißteile	wearing parts			

Rev. B: Pos. 7001; 7002; 7291

26.03.04 oh / ks / ks

Änderungen vorbehalten / Subject to Modification

30B.00R.0A2.AA1.E.XD1.4 - B