

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

ADAMS Order-No.: 33-0704-082 / 03
ADAMS Serial-No.: 82680 - 82681
Production Year: 2008

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

Nominal Size: 350 / 14"
Body Connection: Welding End
Flange acc. to: --
Flange Connection: --
Body Rating: PN 10
Trim Rating: PN 10

Operating Data

Operating Temperature: 239,8 °C
Operat. Pres.: 3,73 bar at 239,8 °C
Δp: 3,73 bar at 239,8 °C

Design Data

max. allow. Temp.: 255 °C
max. allow. Pres.: 4 bar at 255 °C
max. allow. Δp: 3,73 bar at 255 °C
Δp Actuator: 3,73 bar

Gear: --
Actuator: RCQ250 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: 0704.082.000.30A.01.2-B
Parts List: 30B.00U.0A2.AA1.E.X02.4-C
Dimensional DWG: 0704.082.000.30O.01.4-D
Installation, Operation & Maintenance Manual: 30Z.01.A
QS-Dokumentation: QS-0704-082-03
Data Sh./Characteristic: --
Instrumentation: --
Calculation: --

* 82680=LBD10AA040 (1CSD415065-4)
82681=LBD10AA045 (1CSD415065-4)

Material

Valve Body: 1.0619
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:



Order-Nr.:	33-0704-082 / 03
Serial-No.:	82680 - 82681
Valve type:	SCV
Nominal Pipe Size:	350 / 14"
Rating:	PN 10

Valve

Dimensional Drawing No.:	0704.082.000.30O.01.4-D
--------------------------	-------------------------

Assembly Drawing No.:	0704.082.000.30A.01.2-B
-----------------------	-------------------------

Parts List:	30B.00U.0A2.AA1.E.X02.4-C
-------------	---------------------------

Installation, Operation and Maintenance Manual	30Z.01.B-GB
---	-------------

Einbau-, Betriebs- und Wartungsanleitung	30Z.01.B-D
---	------------

QS-Documentation

QS-Documentation	QS-0704-082-03
------------------	----------------

Actuator / Gear

RCQ250 SR80

- Technical Data

- Instruction

- ATEX

Accessories

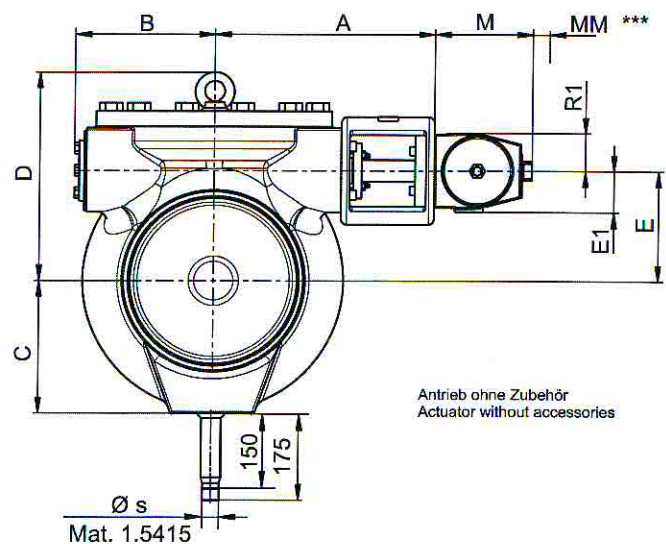
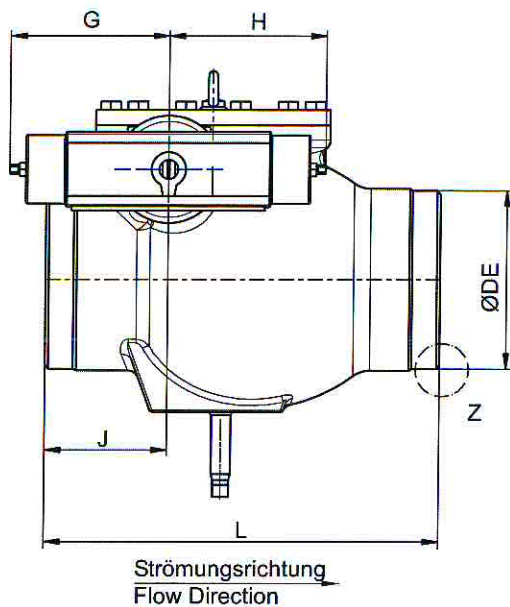
Remote Switch Box RCE4

Herion 5/2 Directional Control Valve

Herion 3/2 Directional Control Valve

Fisher Filter Regulator 67CFR

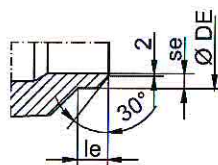
Buschjost 2/2-way valve



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.
200/8"	40	82678	LBD10 AA030 (1CSD415152-2)
		82679	LBD10 AA035 (1CSD415152-2)
350/14"	10	82680	LBD10 AA040 (1CSD415152-3)
		82681	LBD10 AA045 (1CSD415152-3)

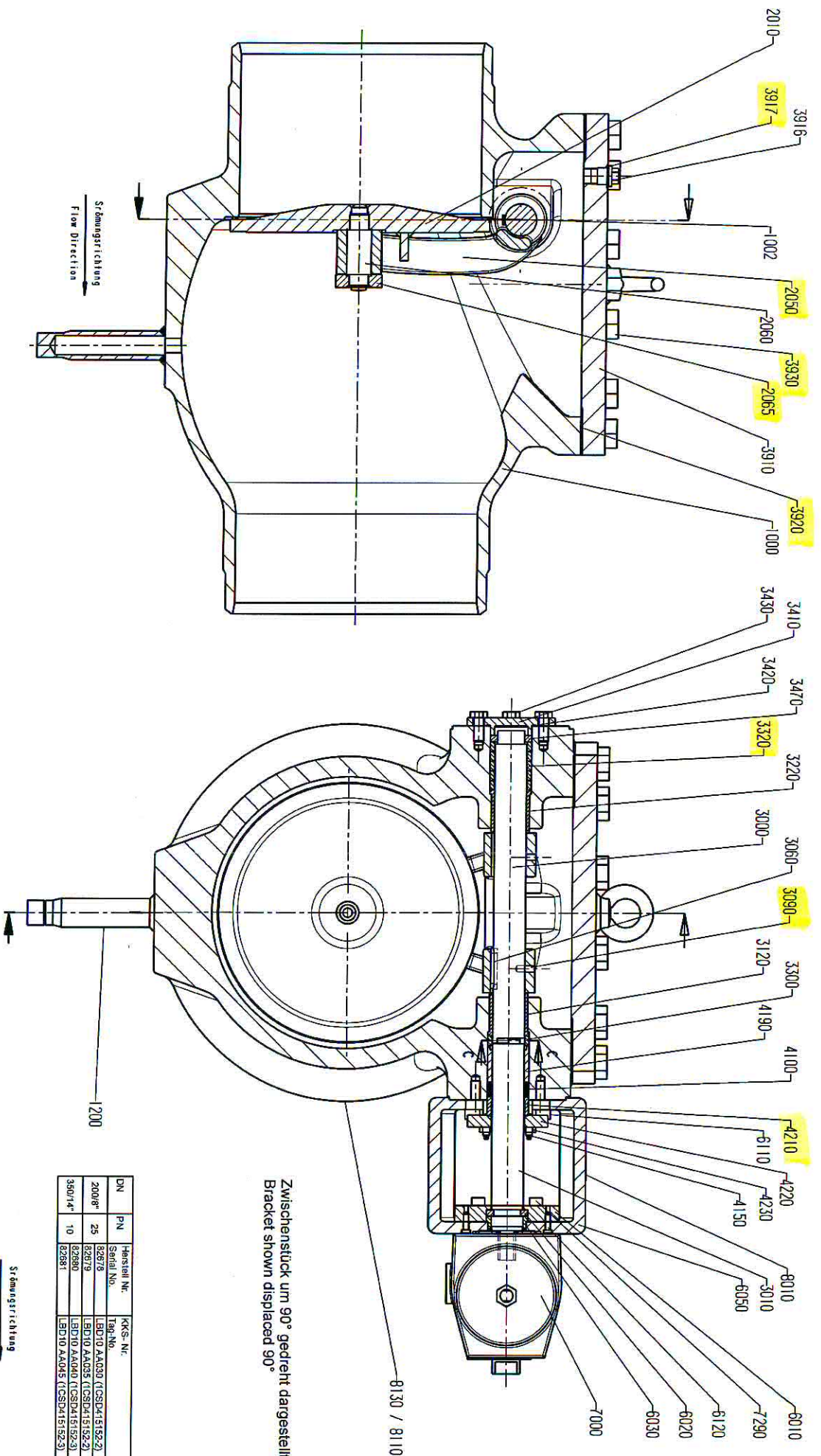
Rev. C: PN geändert/changed, Rev. D: PN geändert/changed

DN	PN	A	B	C	s	D	E	E1	R1	G	H	J	L	M	MM	DE	se	le	W	Body Mat.
200/ 8	40	368	226	175	25/1	316	140	55	49	200	200	180	533	130	35	219,1	6,3	50	162	1.0619
350/14	10	415	273	275	25/1	416	220	75	69	90	285	285	838	175	42	355,6	7,1	50	382	1.0619

30.08.07 kl/ks/ks

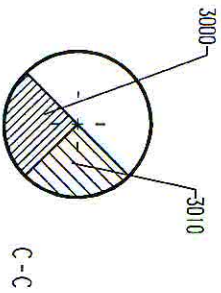
Änderungen vorbehalten
Subject to Modification

0704.082.000.300.01.4-D



Zwischenstück um 90° gedreht dargestellt
Bracket shown displaced 90°

DN	PN	Hersteller Nr.	KKS- Nr.
200/8"	25	82678	LEB10 AA030 (ICSDA15152-2)
		82679	LEB10 AA035 (ICSDA15152-2)
		82680	LEB10 AA040 (ICSDA15152-3)
350/14"	10	82681	LEB10 AA045 (ICSDA15152-3)



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

ADAMS Drückluftventile Dr. Ing. C. Adam 10000 Berlin		Drückluftventile Dr. Ing. C. Adam 10000 Berlin		Drückluftventile Dr. Ing. C. Adam 10000 Berlin		Drückluftventile Dr. Ing. C. Adam 10000 Berlin	
B TCS für gelände 25.06.07 1000		B TCS für gelände 25.06.07 1000		B TCS für gelände 25.06.07 1000		B TCS für gelände 25.06.07 1000	
SCV		SCV		SCV		SCV	
0704.082.000.30A.01.2-B		0704.082.000.30A.01.2-B		0704.082.000.30A.01.2-B		0704.082.000.30A.01.2-B	
0704.082.000.30A.01.2-B		0704.082.000.30A.01.2-B		0704.082.000.30A.01.2-B		0704.082.000.30A.01.2-B	

Pos	Benennung	Designation	Material	DIN Mat.No.	ASTM (or similar)
1000	Gehäuse	Valve body	GP240GH+N	1.0619+N	A 216 WCB
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	GP240GH+N	1.0619+N	A 216 WCB
2060	Bolzen	Stud			A 564 TP 630 H1150D
2065	Lochmutter (4 Löcher)	Round nut (4 holes)			A 564 TP 630 H1150D
3000	Klappenwelle	Disc Shaft			A 564 TP 630 H1150D
3010	Antriebswelle	Drive shaft			A 564 TP 630 H1150D
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	GP240GH+N	1.0619+N	A 216 WCB
3420	Deckeldichtung	Gasket	Graphit		Graphite
3430	Sechskantschraube	Hexagon screw	A4-70		F 738M Cl A4-70
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
3930	Sechskantschraube	Hexagon screw	21CrMoV 5-7+QT	1.7709+QT	
4100	Stopfbuchspackung	Packing	Graphit		Graphite
4150	Stiftschraube	Stud	C3-80		F 738 Cl C3
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	A4-70		A 194 Gr B8 (F 836 Cl A4-70)
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	8.8		F 568 Cl.8.8 galv.
7000	Antrieb	Actuator	divers	divers	various
7290	Zylinderschraube	Screw	8.8		F 568 Cl.8.8 galv.
8010	Typenschild	Type plate	X6CrNiMoTi17-12-2+AT	1.4571+AT	A 240 TP316L
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
 * nicht bei DN 100/4" / not at DN 100/4"