

CLORIUS CONTROLS 3-WAY CONTROL VALVES TYPE Soft Seated

NODULAR CAST IRON, DN 80 – 300 mm

Instructions



Clorius
CONTROLS

General safety instructions

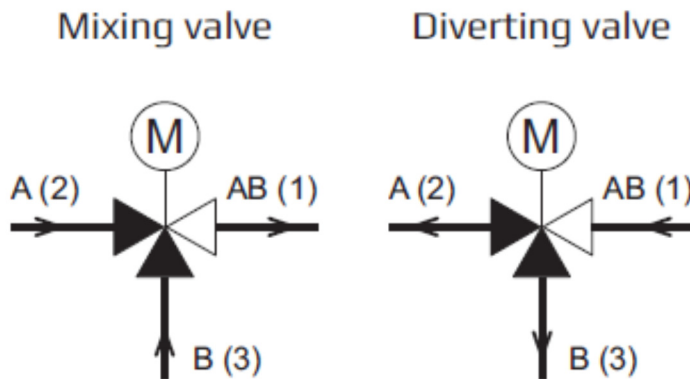
The valves must be installed and serviced by fully trained and qualified personnel only, observing the accepted industry codes and practices. Make sure employees or third persons are not exposed to any danger.

DESIGN

The valve components (seats and cone) are made of gun metal, the spindle of stainless steel. The valve body is made of nodular cast iron and the valve flanges are drilled according to EN 1092-2 (JIS B 2210 option). The valve has two balanced single seats and the port AB-B is designed 100 % tight.

PORT NUMBERING

The ports of valves type Soft Seated are marked with the letters AB, A and B. The letters in parentheses refer to the corresponding internationally adapted designations.



Port AB (1) common port always open
Port A (2) closes at load on spindle
Port B (3) opens at load on spindle

FUNCTION

The valve cone is firmly connected with the motor spindle. When the valve cone is in the one extreme position by draw on the spindle, connection A-AB is kept fully open and connection B-AB is fully closed. In the other extreme position connection A-AB is fully closed and connection B-AB is fully open. In the intermediate positions the opening degrees change proportionally.

TECHNICAL DATA

Materials:	- Valve body	Nodular cast iron EN-GJS-400-15
	- Trim	Gun metal RG 5 CuSn5Zn5Pb5-C
	- Valve spindle	Stainless steel (W.no. 1.4436)
Nominal pressure		
	DN 80-200	PN 16 (max.150°C)
	DN 300/250-300	PN 10 (max.150°C)
	DN 80-300	JIS 10K (option)
Seats		2 balanced single seats
Valve characteristic		Almost linear
Leakage	Port AB-B	0.0%
Temperature range		Max. 150°C
Mounting		See below
Flanges		According to EN 1092-2, PN 16 & PN 10
- option:		According to JIS B 2210 10K
Note !	Valve DN 200/175 has outer measures and flanges drilled as valve DN 200. Valve DN 300/250 has outer measures and flanges drilled as valve DN 300.	

Counter flanges (suggested for EN 1092-2)

DN 80-200:	DIN 2633 – PN 16
DN 300/250-300:	DIN 2632 – PN 10

Maintenance

The soft seals for low leakage valves (o-rings and u-rings) have a durability of approximately 8 years. However, it is recommended that the soft seals are inspected and changed every 4 years if possible. For DN 80-DN150 it is also recommended that spindle and cone are changed every 4 years if possible.

Fig .1 DN200-300

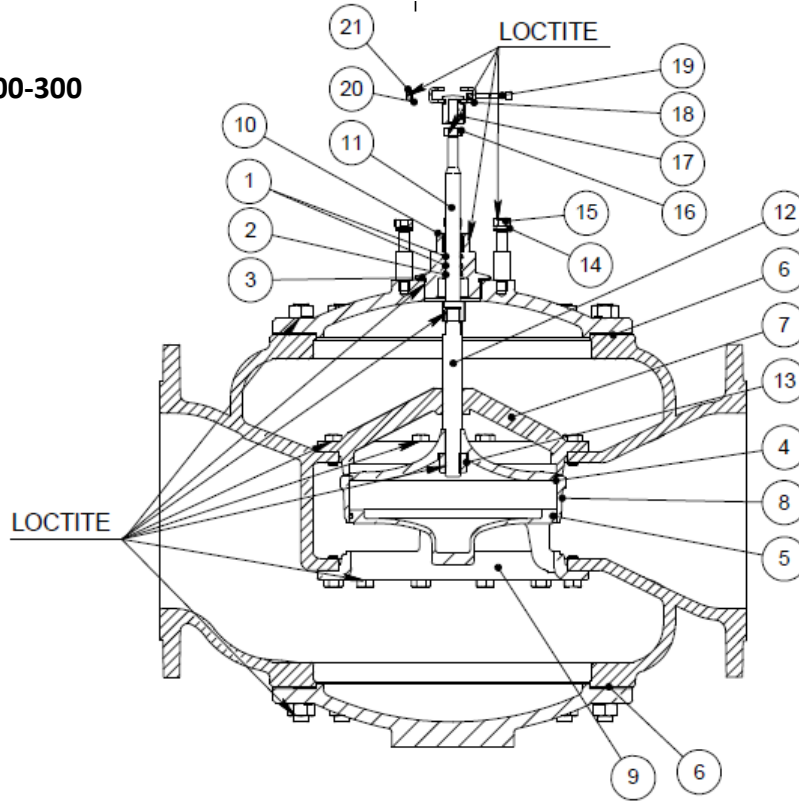
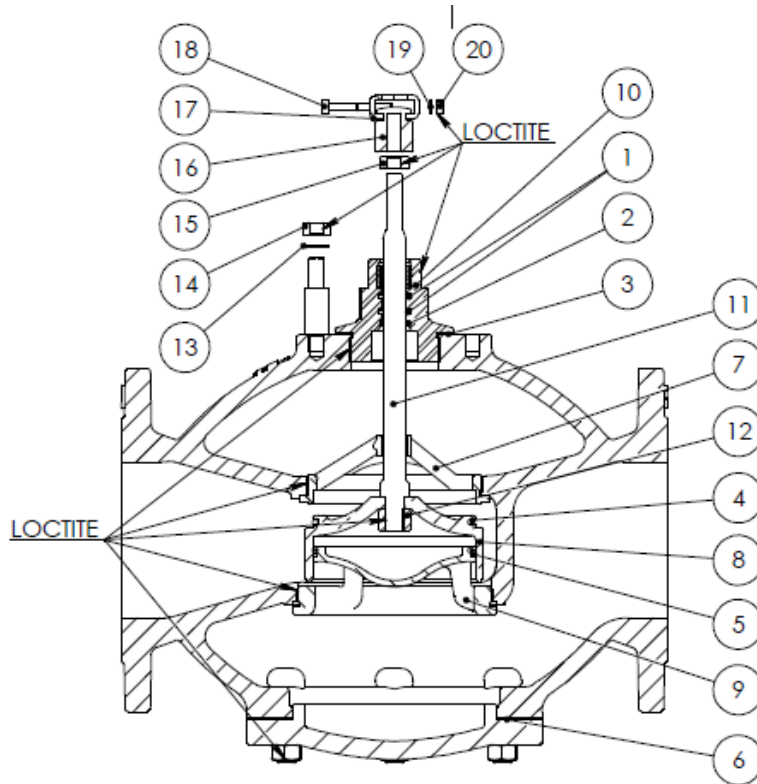


Fig. 2. DN80-150



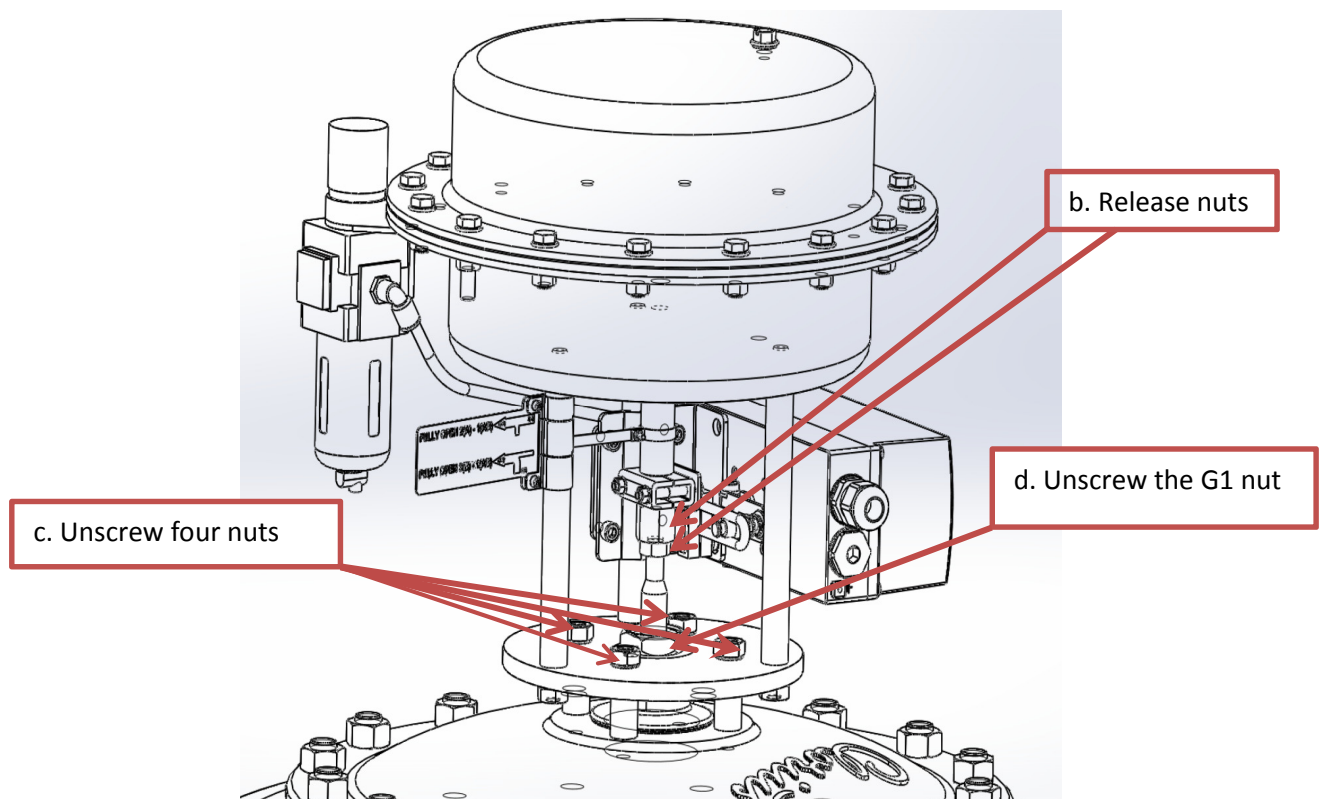
1.1 Disassembly Pneumatic Actuator from the valve:

Step 1:

Disconnect the following items in sequence (fig. 3):

- a. Pipes from SIPART PS2 positioner
- b. Release connection of two nuts
- c. Unscrew four nuts
- d. Unscrew the G1 nut

Fig. 3



Step 2:

Release nuts from the coupler then unscrew the adjusting nut and remove Pneumatic Actuator from the valve. (Fig. 4)

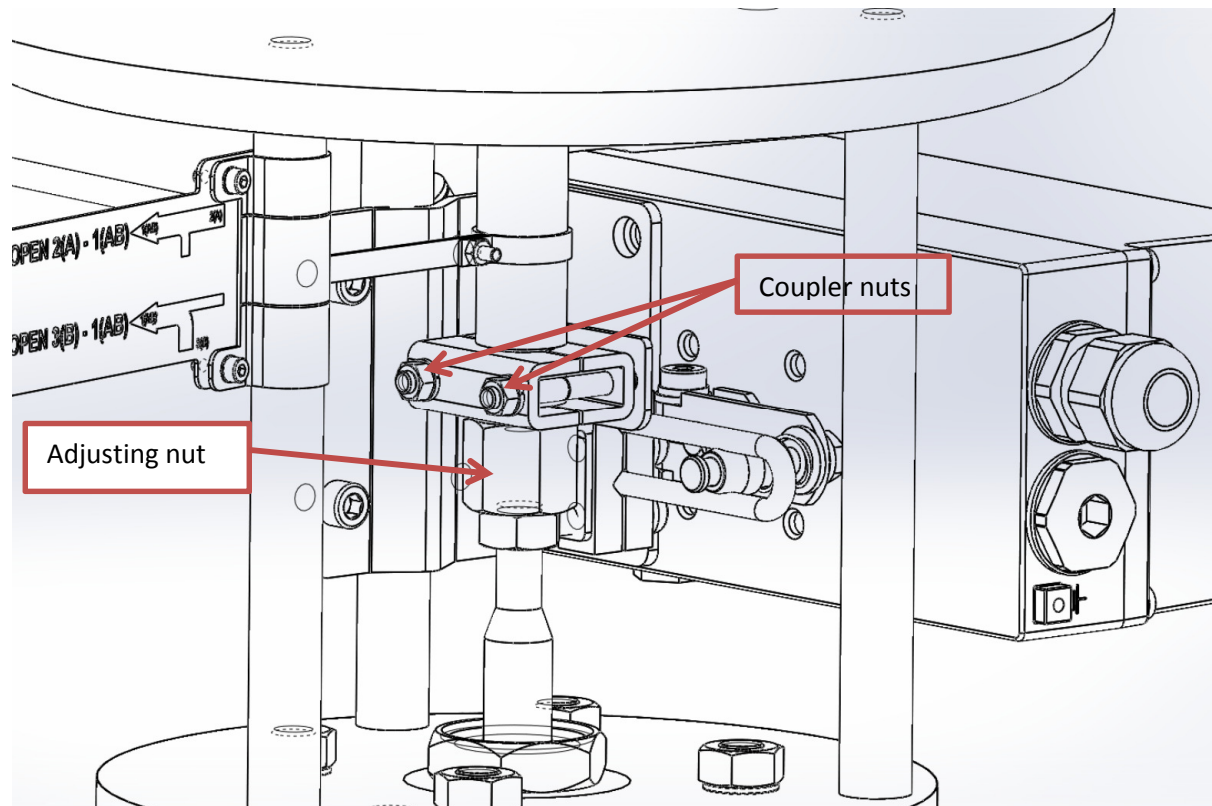


Fig. 4

2.1 Maintenance of valves DN200, DN 200/175, DN300 and DN300/250 – Fig 1.

- A. Remove positioner and actuator by following instruction 1.1.
- B. Dismantle screw-joint for cover (pos. 10) - Note: Loctite has been added to protect against vibrations.
- C. Remove valve cover nuts –Note: Loctite has been added to protect against vibrations.
- D. Remove valve cover. Replace gaskets 2pcs (pos. 6) -See Appendix of spare part list for correct item number
- E. Remove all seat bolts -Note: Loctite has been added to protect against vibrations.
- F. Remove spindle, cone and all connected parts as one unit (pos. 11,12,7,8) by lifting them up.
- G. Change O-ring (pos. 1,4,5) -See Appendix of spare part list for correct item number.
- H. Change U-ring (pos. 2) -See Appendix of spare part list for correct item number.

- I. Follow instructions 2.1 in reverse order to assemble the valve. Remember to add Loctite again at step E,C and B.
- J. Follow instructions 3.1 how to assemble the pneumatic actuator with the valve.

2.2. Maintenance of valves DN80-150

- A. Remove positioner and actuator following instructions 1.1.
- B. Remove all cover nuts. Note: Loctite has been added to protect against vibrations.
- C. Remove valve cover. Replace gasket (pos 6). -See Appendix of spare part list for correct item number
- D. Remove bolts. Note: Loctite has been added to bolts for protection against vibrations. For DN80-DN100 which have no bolts the seat is screwed tight and Loctite has been added to the threading.
- E. Remove lower seat (pos. 9). Replace o-ring (pos. 5) -See Appendix of spare part list for correct item number
- F. Remove screw joint (pos. 10) Note: Loctite has been added to protect against vibrations.
- G. Replace gasket (pos. 3), replace 2pcs o-rings (pos. 1), replace u-ring (pos. 2) -See Appendix of spare part list for correct item number
- H. Unscrew spindle (pos. 11,12) Note: Loctite has been added to protect against vibrations.
- I. Remove cone (pos. 8) through the bottom opening.
- J. Replace cone (pos. 8) with new cone and new o-ring (pos. 4) -See Appendix of spare part list for correct item number.
- K. Replace spindle (pos. 11) with new spindle. Connect the cone (pos. 8) and spindle with bolt (pos. 12). Add Loctite.
- L. Mount lower seat (pos. 9) and fasten bolts. Add Loctite.
- M. Mount gasket (pos. 6), valve cover. Add Loctite to cover nuts and fasten them.
- N. Mount screw-joint (pos. 10). Add Loctite.
- O. Follow instructions 3.1 how to assemble the pneumatic actuator with the valve.

3.1 Assembly Pneumatic Actuator with the valve:

Step 1:

Screw Adjusting Nut on the valve spindle all the way to the end position.(Fig. 5)

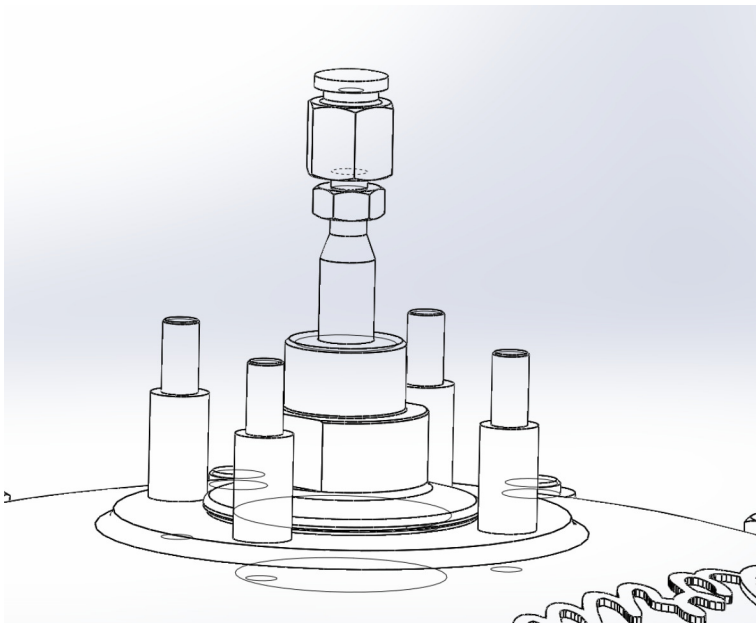


Fig.5

Step 2:

Place the Pneumatic Actuator on the stud bolts and fasten the plate actuator by screwing the nuts on the stud bolts (use special washer under nuts).

Fasten G1 nut on the plate.

Adjust “adjusting nut” by unscrewing until it touches the spindle surface from actuator side.

Tighten nuts.(Fig. 4)

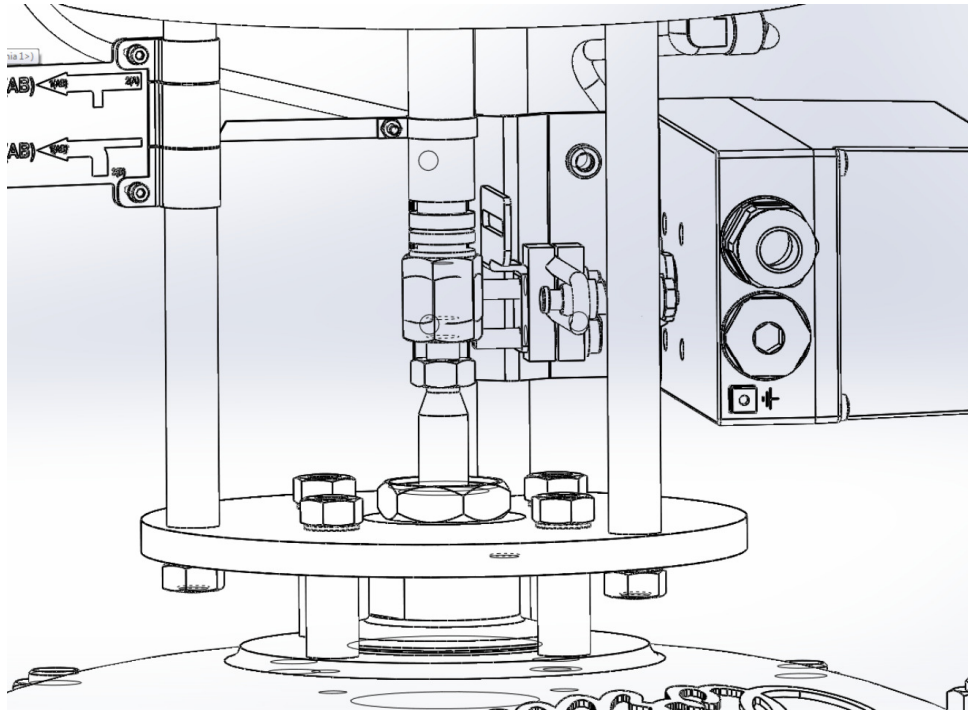


Fig.6

Step 3: Connect lever positioner by using couplers between adjusting nut and pneumatic spindle.

Tighten nuts.

Feed in pneumatic supply power into positioner and repeat commissioning process.(Fig.6)

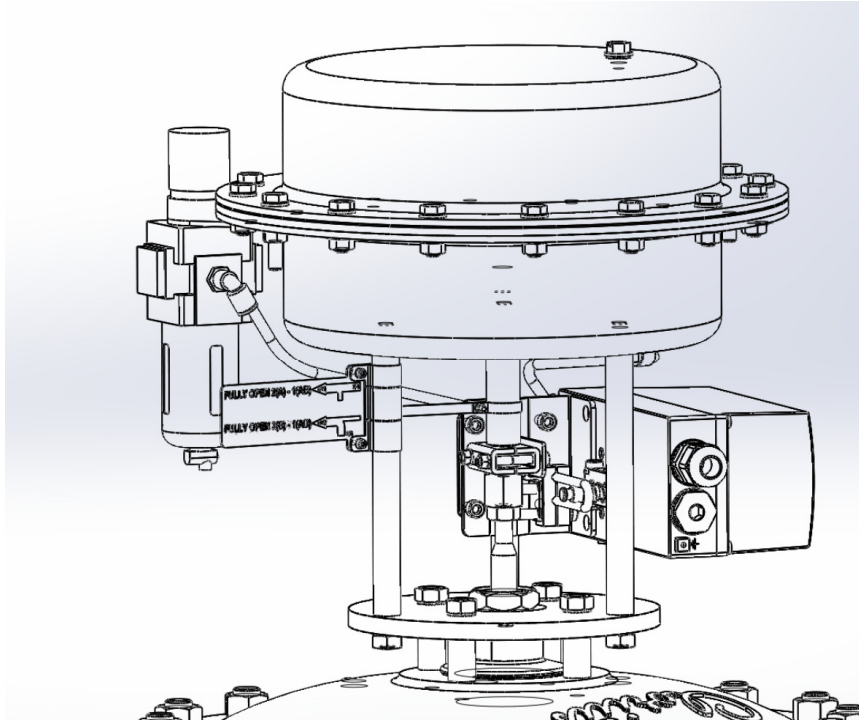


Fig.7

Important! Use Loctite for all screw connections that were disassembled.

Strainer

It is recommended to use a strainer in front of the control valve if the liquid contains suspended particles.

Transport and storage

The valve must be transported and stored dry and clean. In humid rooms, a drying material or heating must be used to avoid condensation.

During transport and intermediate storage the valve should not be exposed to temperatures lower than -10°C .

The valves are painted (top coated) on the outside. This coating must remain without damage, otherwise the faulty spots must be repaired immediately.

The standard packaging protects valves and equipment against rain and snow during trucking.

For critical transports such as sea freight equipment will be protected by VCI (Volatile Corrosion Inhibitor) material.

If protected by VCI do not remove the packaging until the equipment is going to be installed.

APPENDIX

Important notice: **Old** MAN item numbers are obsolete from January 1st 2017.

By using Clorius Item numbers (or **New** MAN item numbers) below, the valve trim will be upgraded to the latest design.

Clorius Item no.	Spare parts	Old MAN item Id.	New MAN item id.
1-2992200	TRIM SET 80 G3F MAN	5676900-8	5784675-2
1-2992201	PACKING SET FOR 80 G3F MAN	5676904-5	5784837-1
1-2992202	TRIM SET 100M-G3F MAN	5662601-1	5783319-0
1-2992203	PACKING SET FOR 100M-G3F MAN	5662034-3	5783320-0
1-2992204	TRIM SET FOR 125M-G3F MAN	5662603-5	5783263-6
1-2992205	PACKING SET FOR 125M-G3F MAN	5662035-5	5783403-9
1-2992206	TRIM SET 150 M-G3F MAN	5662604-7	5783407-6
1-2992207	PACKING SET FOR 150M-G3F MAN	5662036-7	5783411-1
1-2992208	TRIM SET 200/175 M-G3F MAN	5662598-6	5783429-2
1-2992209	PACKING SET 200/175M-G3F MAN	5660475-3	5783437-5
1-2992210	TRIM SET 200M-G3F MAN	5660476-5	5783443-4
1-2992211	PACKING SET FOR 200M-G3F MAN	5662541-1	5783444-6
1-2992212	TRIM SET 250/300M-G3F MAN	5662599-8	5783448-3
1-2992213	PACKING SET 250/300M-G3F MAN	5662031-8	5783492-4
1-3999770	PACKING SET PNEUMATIC ACT. S25 MAN	5661998-3	5783494-8
1-3999771	PACKING SET PNEUMATIC ACT. S34 MAN		5783931-1
1-3999655	AIR REDUCT. VALVE AW20K MAN	5660477-7	No change
1-3999604	PNEUM.POSITIONER SIPART PS2MAN	5660478-9	No change

TRIM SET 80 G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5784675-2	
Scale:	Size: A4	Product Type:			Projection:	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170303	HOYB	CSL				00
						01
						02
						03

pos.	Item name	pos.	Item name
1	O-ring x 2	12	Nut M12
2	U-ring	13	Washer M10 x 3
3	Gasket	14	Nut M10 x 3
4	O-ring	15	Nut M10-1
5	O-ring	16	Adjusting Nut
6	Gasket	17	Coupler x 2
7	Upper seat	18	Screw M5 x 2
8	Cone	19	Washer M5 x 2
9	Lower seat	20	Nut M5 x 2
10	Screw joint		
11	Spindle		


125

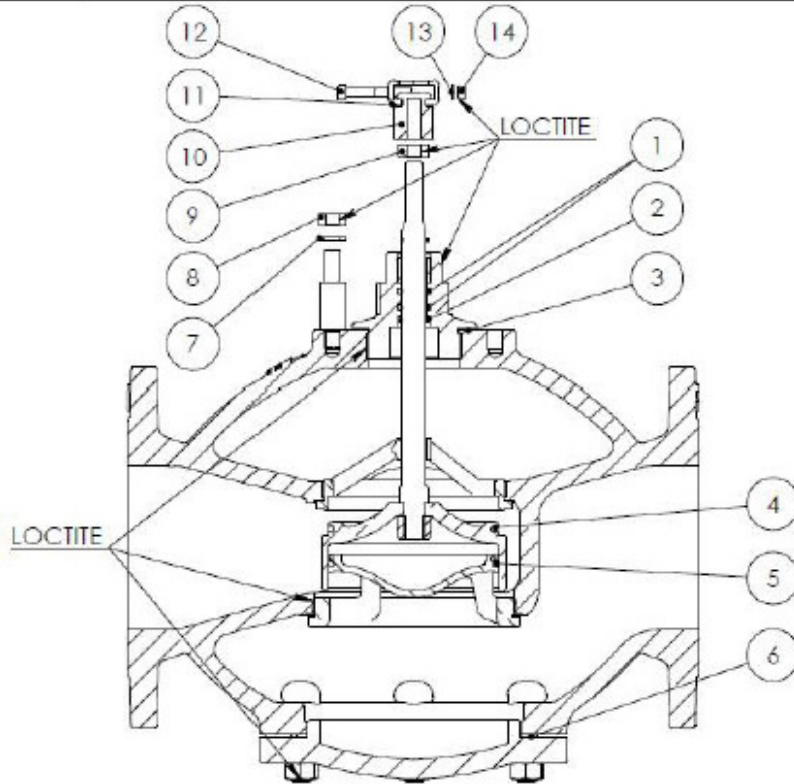
Make. 1736

455

Item no. 2992200
For trim set valve
DN80

PACKING SET FOR 80 G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5784837-1	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change	Chg. Not.	Rev.
20170301	HOYB	CSL				00
20170308	CSL	HOYB	Z3	Part list pos. 7-14 and drawing corrected.		01
						02
						03



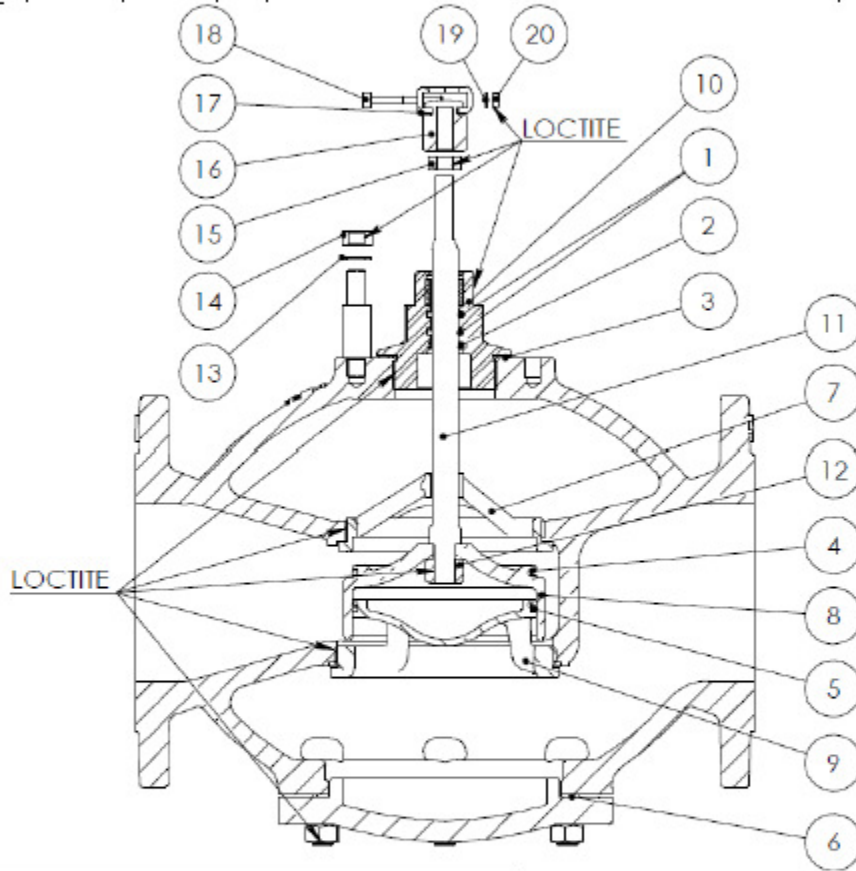
pos.	Item name
1	O-ring x 2
2	U-ring
3	Gasket
4	O-ring
5	O-ring
6	Gasket
7	Washer M10 x 3
8	Nut M10 x 3
9	Nut M10-1
10	Adjusting Nut
11	Coupler x 2
12	Screw M5 x 2
13	Washer M5 x 2
14	Nut M5 x 2

125 Make. 1736

455 Item no. 2992201
Packing set for valve DN80

TRIM SET 100M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783319-0	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not.
20170228	HOYB	CSL				00
						01
						02
						03



pos.	Item name	pos.	Item name
1	O-ring x 2	12	Nut M12
2	U-ring	13	Washer M10 x 3
3	Gasket	14	Nut M10 x 3
4	O-ring	15	Nut M10-1
5	O-ring	16	Adjusting Nut
6	Gasket	17	Coupler x 2
7	Upper seat	18	Screw M5 x 2
8	Cone	19	Washer M5 x 2
9	Lower seat	20	Nut M5 x 2
10	Screw joint		
11	Spindle		

125 Make. 1736

455 Item no. 2992202
For trim set valve
DN100

PACKING SET FOR 100M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783320-0	
Scale:	Size: A4	Product Type:			Projection:	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170301	HOYB	CSL				00
						01
						02
						03

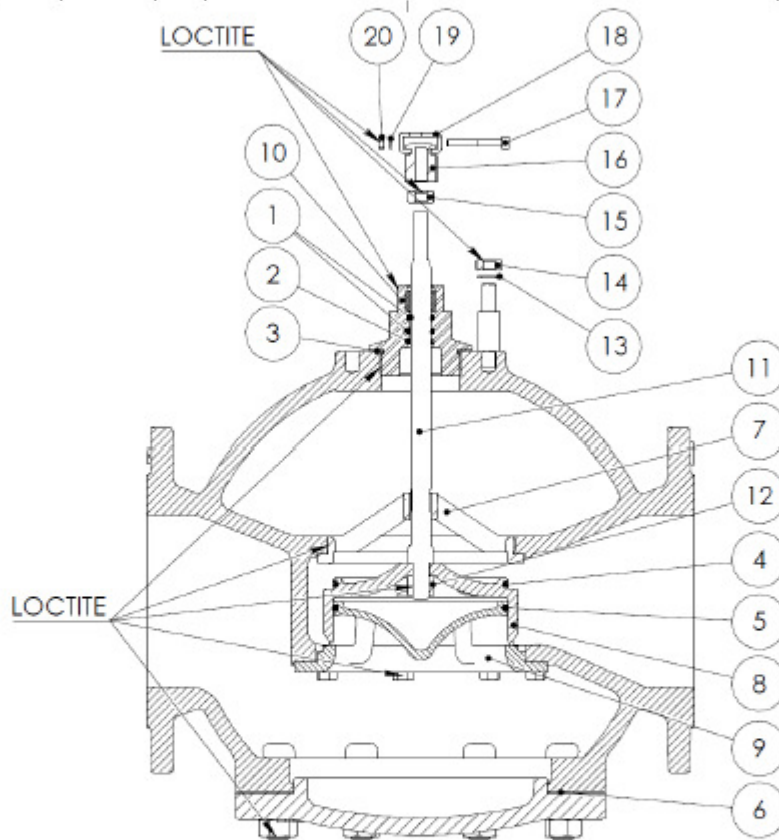
The drawing shows a cross-section of a valve stem assembly. Callouts 1-6 point to O-rings and gaskets. Callouts 7-14 point to various nuts, washers, and screws. The word 'LOCTITE' is written in two locations on the drawing.

pos.	Item name
1	O-ring x 2
2	U-ring
3	Gasket
4	O-ring
5	O-ring
6	Gasket
7	Washer M10 x 3
8	Nut M10 x 3
9	Nut M10-1
10	Adjusting Nut
11	Coupler x 2
12	Screw M5 x 2
13	Washer M5 x 2
14	Nut M5 x 2

125	Make. 1736
455	Item no. 2992203 For packing set valve DN100

TRIM SET FOR 125M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783263-6	
Scale:	Size: A4	Product Type:			Projection:	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170301	HOYB	CSL				00
						01
						02
						03



pos.	Item name	pos.	Item name
1	O-ring x 2	12	Nut M12
2	U-ring	13	Washer M10 x 3
3	Gasket	14	Nut M10 x 3
4	O-ring	15	Nut M10-1
5	O-ring	16	Adjusting Nut
6	Gasket	17	Screw M5 x 2
7	Upper seat	18	Coupler x 2
8	Cone	19	Washer M5 x 2
9	Lower seat	20	Nut M5 x 2
10	Screw joint		
11	Spindle		

125 Make. 1736

455 Item no. 2992204
For trim set valve
DN125

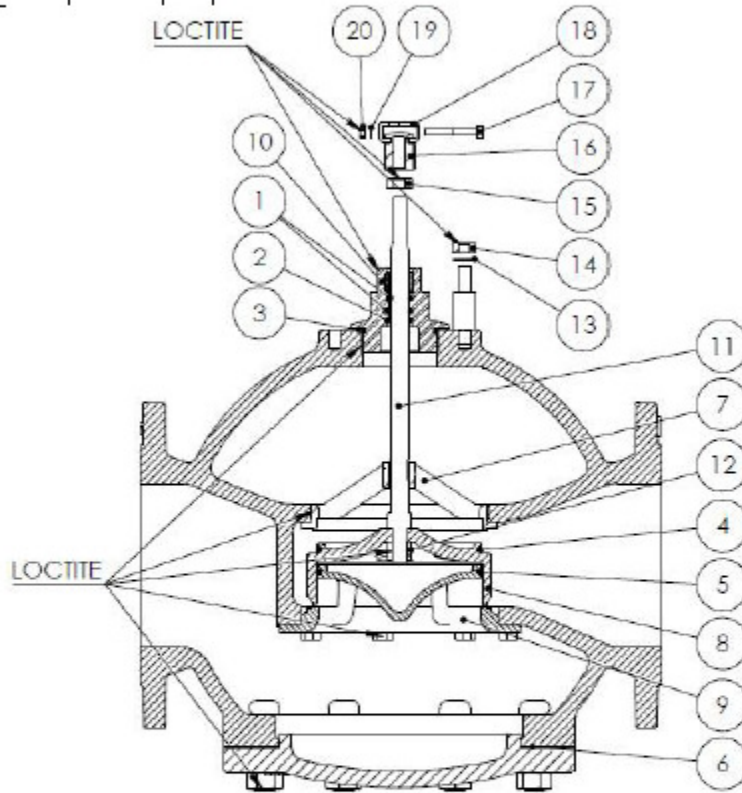
PACKING SET FOR 125M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783403-9	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not.
20170301	HOYB	CSL				Rev. 00
						01
						02
						03

pos.	Item name	
1	O-ring x 2	
2	U-ring	
3	Gasket	
4	O-ring	
5	O-ring	
6	Gasket	
7	Washer M10 x 3	
8	Nut M10 x 3	
9	Nut M10-1	125 Make. 1736
10	Adjusting Nut	
11	Screw M5 x 2	
12	Coupler x 2	455 Item no. 2992205
13	Washer M5 x 2	For packing set valve DN125
4	Nut M5 x 2	

TRIM SET 150 M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783407-6	
Scale:	Size: A4	Product Type:			Projection:	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change	Chg. Not.	Rev.
20170301	HOYB	CSL				00
20170308	CSL	HOYB	Z3	Part list pos. 7-20, drawing and text 455 corrected.		01
						02
						03



Pos.	Item name	Pos.	Item name
1	O-ring x 2	12	Nut M12
2	U-ring	13	Washer M10 x 3
3	Gasket	14	Nut M10 x 3
4	O-ring	15	Nut M10-1
5	O-ring	16	Adjusting Nut
6	Gasket	17	Screw M5 x 2
7	Upper seat	18	Coupler x 2
8	Cone	19	Washer M5 x 2
9	Lower seat	20	Nut M5 x 2
10	Screw joint		
11	Spindle		

125 Make. 1736

455 Item no. 2992206
For trim set valve
DN150

PACKING SET FOR 150M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783411-1	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170301	HOYB	CSL				00
						01
						02
						03

pos.	Item name
1	O-ring x 2
2	U-ring
3	Gasket
4	O-ring
5	O-ring
6	Gasket
7	Washer M10 x 3
8	Nut M10 x 3
9	Nut M10-1
10	Adjusting Nut
11	Screw M5 x 2
12	Coupler x 2
13	Washer M5 x 2
14	Nut M5 x 2

125

Make. 1736

455

Item no. 2992207
For packing set
DN150

TRIM SET 200/175 M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783429-2	
Scale:	Size: A4	Product Type:			Projection:	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not.
20170301	HOYB	CSL				Rev. 00 01 02 03

pos.	Item name	pos.	Item name
1	O-ring x 2	12	Spindle
2	U-ring	13	Nut M16
3	Gasket	14	Washer M10 x 4
4	O-ring	15	Nut M10 x 4
5	O-ring	16	Nut M10-1
6	Gasket x 2	17	Adjusting Nut
7	Upper seat	18	Coupler x 2
8	Cone	19	Screw M5 x 2
9	Lower seat	20	Washer M5 x 2
10	Screw joint	21	Nut M5 x 2
11	Spindle		

125

Make. 1736

455

Item no. 2992208
For trim set valve
DN200/175

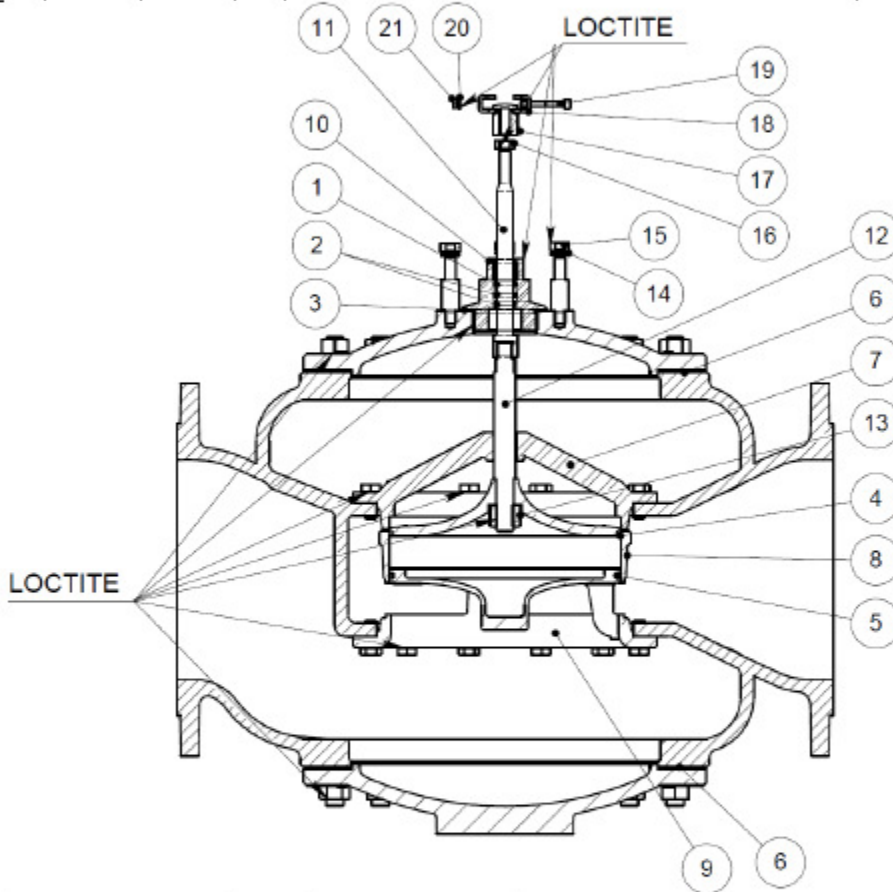
PACKING SET 200/175 M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783437-5	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not.
20170301	HOYB	CSL				00
						01
						02
						03

pos.	Item name	
1	O-ring x 2	
2	U-ring	
3	Gasket	
4	O-ring	
5	O-ring	
6	Gasket x 2	
7	Washer M10 x 4	125 Make. 1736
8	Nut M10 x 4	
9	Nut M10-1	
10	Adjusting Nut	455 Item no. 2992209
11	Coupler x 2	For packing set valve
12	Screw M5 x 2	DN200/175
13	Washer M5 x 2	
14	Nut M5 x 2	

TRIM SET 200M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783443-4	
Scale:	Size: A4	Product Type:			Projection:	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170301	HOYB	CSL				00
20170308	CSL	HOYB	Z3	Part list pos. 7 -> Upper seat.		01
						02
						03



pos.	Item name	pos.	Item name
1	O-ring x 2	12	Spindle
2	U-ring	13	Nut M16
3	Gasket	14	Washer M10 x 4
4	O-ring	15	Nut M10 x 4
5	O-ring	16	Nut M10-1
6	Gasket x 2	17	Adjusting Nut
7	Upper seat	18	Coupler x 2
8	Cone	19	Screw M5 x 2
9	Lower seat	20	Washer M5 x 2
10	Screw joint	21	Nut M5 x 2
11	Spindle		

125 Make. 1736

455 Item no. 2992210
For trim set valve
DN200

PACKING SET 200M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783444-6	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not.
20170301	HOYB	CSL				00
						01
						02
						03

pos.	Item name
1	O-ring x 2
2	U-ring
3	Gasket
4	O-ring
5	O-ring
6	Gasket x 2
7	Washer M10 x 4
8	Nut M10 x 4
9	Nut M10-1
10	Adjusting Nut
11	Coupler x 2
12	Screw M5 x 2
13	Washer M5 x 2
14	Nut M5 x 2

125

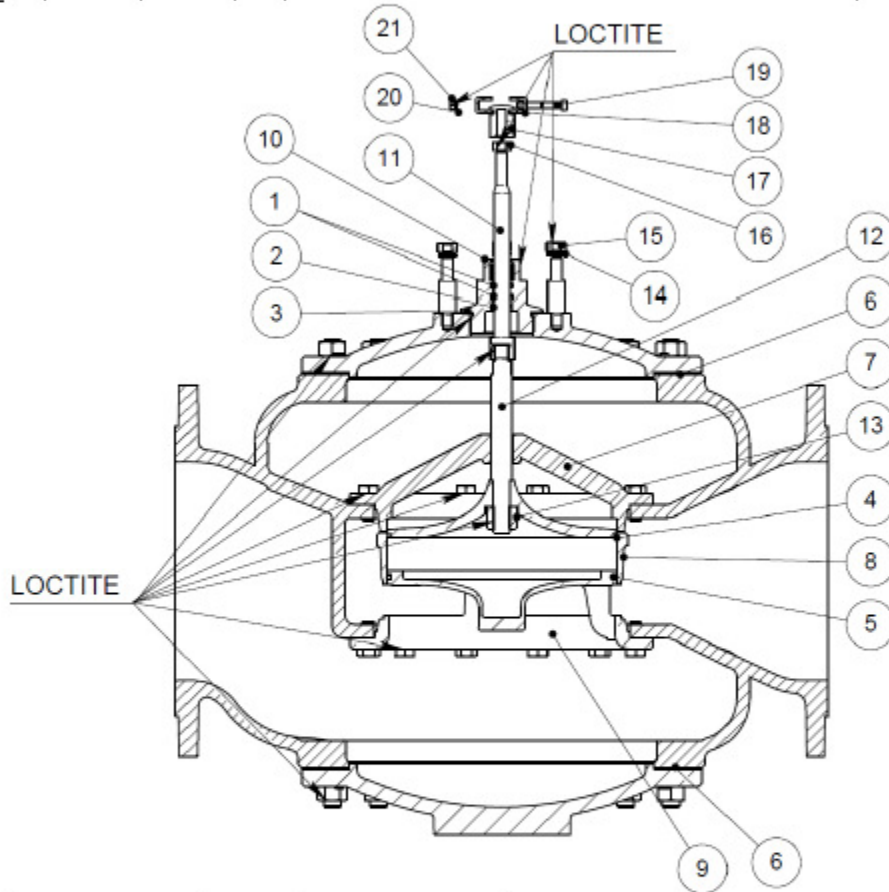
Make. 1736

455

Item no. 2992211
For packing set valve
DN200

TRIM SET 250/300M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783448-3	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170301	HOYB	CSL				00
						01
						02
						03




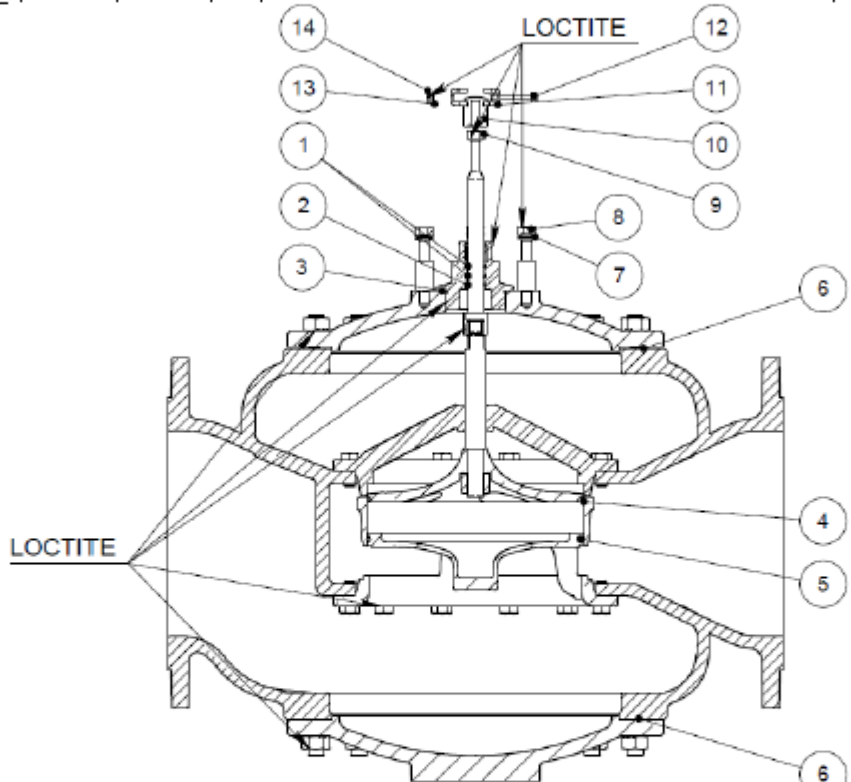
pos.	Item name	pos.	Item name
1	O-ring x 2	12	Spindle
2	U-ring	13	Nut M16
3	Gasket	14	Washer M10 x 4
4	O-ring	15	Nut M10 x 4
5	O-ring	16	Nut M10-1
6	Gasket x 2	17	Adjusting Nut
7	Upper seat	18	Coupler x 2
8	Cone	19	Screw M5 x 2
9	Lower seat	20	Washer M5 x 2
10	Screw joint	21	Nut M5 x 2
11	Spindle		

125 Make. 1736

455 Item no. 2992212
For trim set valve
DN300/250

PACKING SET 250/300M-G3F MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783492-4	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170301	HOYB	CSL				00
						01
						02
						03



pos.	Item name
1	O-ring x 2
2	U-ring
3	Gasket
4	O-ring
5	O-ring
6	Gasket x 2
7	Washer M10 x 4
8	Nut M10 x 4
9	Nut M10-1
10	Adjusting Nut
11	Coupler x 2
12	Screw M5 x 2
13	Washer M5 x 2
14	Nut M5 x 2

125

Make. 1736

455

Item no. 2992213
For packing set valve
DN300/250

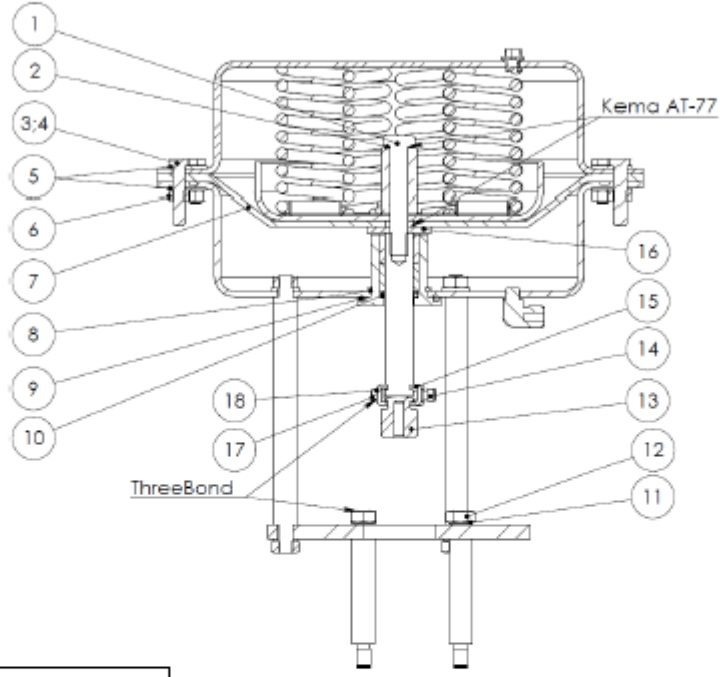
PACKING SET FOR PNEUMATIC ACTUATOR S25 MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783494-8	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not. Rev.
20170301	HOYB	CSL				00
						01
						02
						03

pos.	Item name	
1	Screw M12	
2	Packing disc	
3	Bolt M6 x 2	
4	Bolt M6 x 6	
5	Washer M6 x 16	125 Make. 1736
6	Nut M6 x 8	
7	Diaphragm 250mm	
8	Circlip	
9	O-ring	
10	O-ring	
11	Washer M10 x 3	455 Item no. 3999770
12	Nut M10 x 3	For pneumatic actuator S25 SC
13	Adjusting Nut	Packing set
14	Screw M5 x 2	
15	Coupler x 2	
16	Washer M5 x 2	
17	Nut M5 x 2	

PACKING SET FOR PNEUMATIC ACTUATOR S34 MAN

Info. No.: 550210		Item Name: REPAIR KIT			Item Id.: 5783931-1	
Scale: A4	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change		Chg. Not.
20170301	HOYB	CSL				00
20170308	CSL	HOYB	Z3	Part list pos. 2 → Lock washer M12		01
						02
						03




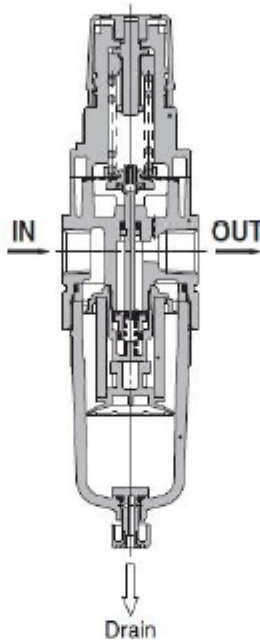
pos.	Item name
1	Screw M12
2	Lock washer M12
3	Bolt M8 x 2
4	Bolt M8 x 14
5	Washer M8 x 32
6	Nut M6 x 16
7	Diaphragm 340mm
8	Circlip
9	O-ring
10	O-ring
11	Washer M10 x 4
12	Nut M10 x 4
13	Adjusting Nut
14	Screw M5 x 2
15	Coupler x 2
16	Packing disc
17	Washer M5 x 2
18	Nut M5 x 2

125 Make. 1736

455 Item no. 1-3999771
For pneumatic actuator S34 SC
Packing set

AIR REDUCT. VALVE AW20K MAN

Info. No.: 750210		Item Name: REPAIR KIT			Item Id.: 5660477-7	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change	Chg. Not.	Rev.
20141127	KGP	JHRA				00
						01
						02
						03



125

Make. 1736

455

Type:

Reduction valve w/ manometer and filter

AW 20K-FO2CE, with
backflow function

Type:

Auto drain

Float type:

Set pressure range:

0.5 - 8.5 bar

Operating pressure:

max. 10 bar

Connection:


1/4"

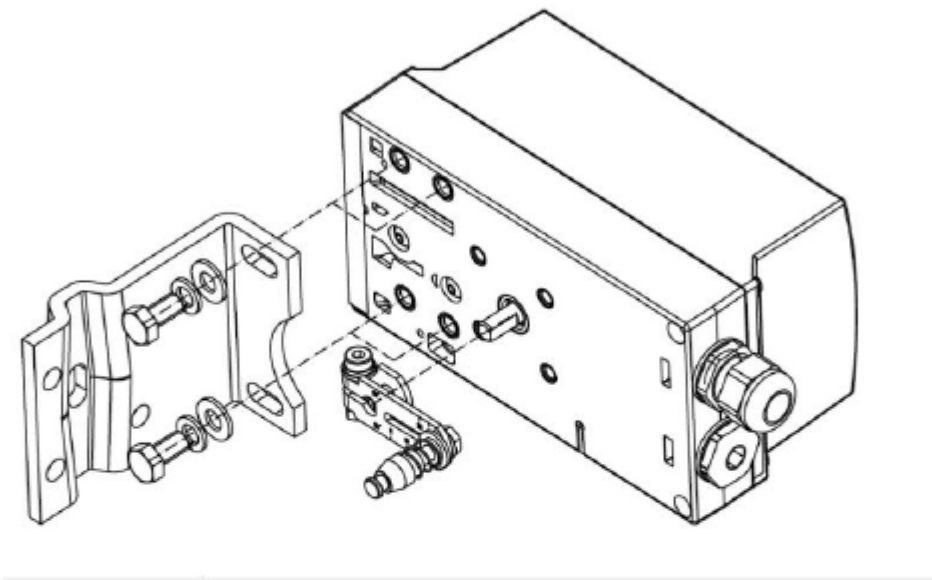
Mounting kit:

included

Item no. 1-3999655

PNEUMATIC POSITIONER SIPART PS2 MAN

Info. No.: 750210		Item Name: REPAIR KIT			Item Id.: 5660478-9	
Scale:	Size: A4	Product Type:			Projection: 	Page No.: 1 (1)
Date	Des.	Chk.	A.C.	Revision Change	Chg. Not.	Rev.
20141127	KGP	JHRA				00
						01
						02
						03



125 Make. 1736

455 Type:
 Siemens SIPART PS2
 Electropneumatic positioner
 Including mounting kit.
 Input 4-20 mA
 Two wire, Feedback 4-20 mA
 M20 & G1/4
 Item no. 1-3999604