

Pos.-No. 1
TAG-no. HV62051

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 25 mm
kvs-value 16 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 1110 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection
- with cold box hood

Pos.-No. 2
TAG-no. HV62052

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 25 mm
kvs-value 16 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 1110 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

- with cold box hood
Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O

incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 3
TAG-no. HV63016

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 80, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 2410 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection
Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 4
TAG-no. HV63034

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	34	25	1.4571	IT 127CVCOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 34 mm
kvs-value 25 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 1670 N
Actuator IT 127
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,90 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to /NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 5
TAG-no. HV64110

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

1 pc. Control Valve DN 100, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 100 mm
kvs-value 180 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 9850 N
Actuator IT 700
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection
Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 6
TAG-no. HV64150

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	80	125	1.4571	PB 1502CVCOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 80 mm
kvs-value 125 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 22050 N
Actuator PB 1502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,90 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 12 mm
Screwed type Swagelok Screwed

Spec. Accessory

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/2" ANSI tubing with Swagelok screwed connection

-

Oil- and greasless for oxygen

- oil- and greasless for oxygen (T007) - Code O

incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No.

7

TAG-no.

HV64170

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/O BA B	LD WT1GG	34	14	2.4360	IT 502 C VOZ

1 Pc.

Control valve DN 50, PN 40

Type	V726 FLOWTOP Single seat-control valve
Body	D Straight way, 3-flange
Connection type	C Flange, surface form C acc. to DIN 2526
Balance	V Not balanced
Bonnet	I Insulating bonnet
Stuffing box packing	N PTFE rings, self adjusting
Body material no.	1.4308
Regulations for material	O PED Standard
Mat. test certificates	B EN 10204 - 3.1B
Regulations for final test	A EN 1349 Standard (IEC-534/FCI 70-2)
Pressure and leakage	B EN 10204 - 3.1B
Plug design	L Multi-hole plug
Construction	W Soft seat (PTFE) with metallic stop
Trim equipment	D X Stream Downstream cage 1-step (for liquid)
Plug guiding	1 Top guided
Characteristic	G Modified equal percentage
Flow direction	G Pressure opens the plug
Seat	34 mm
kvs-value	14 m ³ /h
Stroke	20 mm
Leakage rate	T CLASS VI IEC/FCI
Trim material no.	2.4360
Max. diff. pressure	40 bar
Nec. force	2590 N
Actuator	IT 502
Spring / Range	VC 1,50 - 2,70 bar
Manual operation	O Without handwheel
Action on air failure	Z at air failure close
Nec. / Max. air supply	2,9 / 6 bar
At current failure	
Filterregulator	
Limit switches	
Throttle valve	C yellow
Positioner	SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal	4 (Close) - 20 (Open) mA
Filterregulator	FRS 923-2SK with 1 gauge
Tubing	CrNi-steel
Screwed connection	CrNi-steel
Dimension	6 mm
Screwed type	Swagelok Screwed

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)
Oil- and greasless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 8
TAG-no. HV64210

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

1 pc. Control Valve DN 100, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 100 mm
kvs-value 180 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 9850 N
Actuator IT 700
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Spec. Accessory

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection
Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 9
TAG-no. HV64250

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	80	125	1.4571	PB 1502CVCOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 80 mm
kvs-value 125 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 21850 N
Actuator PB 1502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 12 mm
Screwed type Swagelok Screwed

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/4" NPT electr. connection

- 1/2" ANSI tubing with Swagelok screwed connection
Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 10
TAG-no. HV64270

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/O BA B	LD WT1GG	34	14	2.4360	IT 502 C VOZ

1 Pc. Control valve DN 50, PN 40

Type	V726 FLOWTOP Single seat-control valve
Body	D Straight way, 3-flange
Connection type	C Flange, surface form C acc. to DIN 2526
Balance	V Not balanced
Bonnet	I Insulating bonnet
Stuffing box packing	N PTFE rings, self adjusting
Body material no.	1.4308
Regulations for material	O PED Standard
Mat. test certificates	B EN 10204 - 3.1B
Regulations for final test	A EN 1349 Standard (IEC-534/FCI 70-2)
Pressure and leakage	B EN 10204 - 3.1B
Plug design	L Multi-hole plug
Construction	W Soft seat (PTFE) with metallic stop
Trim equipment	D X Stream Downstream cage 1-step (for liquid)
Plug guiding	1 Top guided
Characteristic	G Modified equal percentage
Flow direction	G Pressure opens the plug
Seat	34 mm
kvs-value	14 m ³ /h
Stroke	20 mm
Leakage rate	T CLASS VI IEC/FCI
Trim material no.	2.4360
Max. diff. pressure	40 bar
Nec. force	2590 N
Actuator	IT 502
Spring / Range	VC 1,50 - 2,70 bar
Manual operation	O Without handwheel
Action on air failure	Z at air failure close
Nec. / Max. air supply	2,9 / 6 bar
Throttle valve	C yellow
Positioner	SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal	4 (Close) - 20 (Open) mA
Filterregulator	FRS 923-2SK with 1 gauge
Tubing	CrNi-steel
Screwed connection	CrNi-steel
Dimension	6 mm
Screwed type	Swagelok Screwed

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French
(code "V01")

- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5
to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Oil- and greasless for oxygen

- oil- and greaseless for oxygen (T007) - Code O

incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 11
TAG-no. HV72051

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 25 mm
kvs-value 16 m3/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 1110 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Spec. Accessory

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

- with cold box hood

Oil- and greasless for oxygen

- oil- and greasless (T007) - Code P

incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 12
TAG-no. HV72052

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 25 mm
kvs-value 16 m3/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 1110 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

- with cold box hood
Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P

incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 13
TAG-no. HV72053

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	40	40	1.4308/OBAB	POWT1LG	16	6,3	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 40, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 16 mm
kvs-value 6,3 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 16,00 bar
Nec.force 800 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Spec. Accessory

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

- with cold box hood

Oil- and greaseless for oxygen

- oil- and greaseless (T007) - Code P



incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 14
TAG-no. HV73014

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 502CVCOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 50 mm
kvs-value 47,5 m3/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 6080 N
Actuator IT 502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,90 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 15
TAG-no. HV73110

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

1 pc. Control Valve DN 100, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 100 mm
kvs-value 180 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 9850 N
Actuator IT 700
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

() - 1/4" ANSI tubing with Swagelok screwed connection

()

()

Pos.-No. 16
TAG-no. HV73150

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 4500 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 17
TAG-no. HV73170

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m3/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 4500 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 18
TAG-no. HV73210

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

1 pc. Control Valve DN 100, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 100 mm
kvs-value 180 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 9850 N
Actuator IT 700
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to /NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 19
TAG-no. HV73250

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 4500 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greasless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to /NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 20
TAG-no. HV73270

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m3/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 4500 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner,
direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Oil- and greasless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 21
TAG-no. HV74110

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 80, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 2410 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to /NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 22
TAG-no. HV74150

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 700CJCOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 50 mm
kvs-value 47,5 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 8920 N
Actuator IT 700
Colour C Yellow
Spring / range JC 1,80 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 23
TAG-no. HV74170

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	12	4	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 25, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 12 mm
kvs-value 4 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 860 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner,
direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greasless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 24
TAG-no. HV74210

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 80, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 2410 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 25
TAG-no. HV74250

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 700CJCOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 50 mm
kvs-value 47,5 m3/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 8920 N
Actuator IT 700
Colour C Yellow
Spring / range JC 1,80 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greasless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to /NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 26
TAG-no. HV74270

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	12	4	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 25, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 12 mm
kvs-value 4 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 860 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 27
TAG-no. PV62005

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1GG	84	160	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 100, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 84 mm
kvs-value 160 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 1,00 bar
Nec.force 2250 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French

(code "V01")

- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Oil- and greaseless for oxygen

- oil- and greaseless for oxygen (T007) - Code O

incl. marking and with manufacturer certificate acc. point 11 of MG-standard 06401

Pos.-No. 28
TAG-no. PV62040

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	8	1	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 25, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 8 mm
kvs-value 1 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 470 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Spec. Accessory
- 1/4" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French (code "V01")

- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)
Oil- and greasless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 29
TAG-no. PV63033

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1GG	25	16	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 25 mm
kvs-value 16 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 10,00 bar
Nec.force 1110 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Spec. Accessory
- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")

- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)
Oil- and greaseless for oxygen
- oil- and greaseless for oxygen (T007) - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Pos.-No. 30
TAG-no. PV72005

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1GG	67	100	1.4571	IT 502CDYOZB

1 pc. Control Valve DN 100, PN 16

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 67 mm
kvs-value 100 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 1,00 bar
Nec.force 1770 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 31
TAG-no. PV72040

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	8	1,6	1.4571	IT 127CDYOZA

1 pc. Control Valve DN 25, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 8 mm
kvs-value 1,6 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 470 N
Actuator IT 127
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,60 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 32
TAG-no. PV73002

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVNN	50	40	1.0619/OBAB	POWT1LG	50	47,5	1.4571	IT 502CVCOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet N Standard bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.0619 cast steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 50 mm
kvs-value 47,5 m3/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 5950 N
Actuator IT 502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screw connection CrNi-steel
Dimension 6 mm
Screw type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 33
TAG-no. PV73005

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	20	10	1.4571	IT 127CVCOZA

1 pc. Control Valve DN 25, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 20 mm
kvs-value 10 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 1800 N
Actuator IT 127
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,90 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 34
TAG-no. PV73015

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVNN	50	40	1.0619/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet N Standard bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.0619 cast steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 4370 N
Actuator IT 502
Colour C Yellow
Spring / range DY 1,00 - 2,40 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,50 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 35
TAG-no. PV73016

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CVCOZA

1 pc. Control Valve DN 50, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic L Linear
Flow direction G Pressure opens the plug
Seat 42 mm
kvs-value 40 m³/h
Stroke 20 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 6460 N
Actuator IT 502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

Pos.-No. 36
TAG-no. PV73101

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	IT 700CVCOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 67 mm
kvs-value 100 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 10480 N
Actuator IT 700
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,90 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-E, Electro-pneumatic positioner, direct mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 6 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- HERION solenoid valve type 2401109.4260

24VDC, IP66, EEx me II T4/T6, 3,9W

with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menu language in English/German/French
(code "V01")

- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5
to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

Pos.-No. 37
TAG-no. TV64181

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVRO	125	40	1.0619/OBAB	PKKP1GG	84	140	1.4571	PB 1502CVCOZC

1 pc. Control Valve DN 125, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet R Extension bonnet
Stuffing box packing O Graphite-rings live loaded

Body material no. 1.0619 cast steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment K Silentpack
Construction K Contour stellited
Seat leakage P Class IV IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 84 mm
kvs-value 140 m³/h
Stroke 60 mm
Trim material no. 1.4571

Max. diff. pressure 20,00 bar
Nec.force 13570 N
Actuator PB 1502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-H, Electro-pneumatic positioner,
NAMUR mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 12 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/2" ANSI tubing with Swagelok screwed connection
 - positioner with LCD w/Menue language in English/German/French (code "V01")
 - positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)
- with booster VSR 60

Pos.-No. 38
TAG-no. TV73081

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVRO	125	40	1.0619/OBAB	PKKP1GG	84	140	1.4571	PB 1502CVCOZC

1 pc. Control Valve DN 125, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet R Extension bonnet
Stuffing box packing O Graphite-rings live loaded

Body material no. 1.0619 cast steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment K Silentpack
Construction K Contour stellited
Seat leakage P Class IV IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 84 mm
kvs-value 140 m³/h
Stroke 60 mm
Trim material no. 1.4571

Max. diff. pressure 20,00 bar
Nec.force 13570 N
Actuator PB 1502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-H, Electro-pneumatic positioner, NAMUR mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 12 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- 1/2" ANSI tubing with Swagelok screwed connection
 - positioner with LCD w/Menue language in English/German/French (code "V01")
 - positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)
- with booster VSR 60

Pos.-No. 39
TAG-no. UV64010

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 67 mm
kvs-value 100 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 15800 N
Actuator PB 1502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,90 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-H, Electro-pneumatic positioner,
NAMUR mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 12 mm
Screwed type Swagelok Screwed

Spec. Accessory
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with TÜV approval up to AK7 /SIL4
with adapter from M20 to 1" NPT electr. connection

- 1/2" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French (code "V01")
- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5 to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

with booster VSR 60

Oil- and greasless for oxygen

- oil- and greaseless for oxygen (T007) - Code O

incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Specify The valves offered in the attached quotation are suitable for use in
 safety related systems

up to SIL 4 according to IEC 61508 in accordance with TÜV test report No. V 56 2004 T1.

The suitability of additional mounted safety related components (e.g. solenoid valve, positioner)
 can

be reviewed in the corresponding documents and test reports.

- Valve according to SIL 3

Pos.-No. 40
TAG-no. UV73010

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB

1 pc. Control Valve DN 80, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 67 mm
kvs-value 100 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 25,00 bar
Nec.force 10480 N
Actuator PB 1502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,90 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-H, Electro-pneumatic positioner, NAMUR mounted, Explosion proof II 2 G EEx ia IIC T4

Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 12 mm
Screwed type Swagelok Screwed

Oil- and greaseless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with TÜV approval up to AK7 /SIL4
with adapter from M20 to 1/2" NPT electr. connection

- 1/2" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French
(code "V01")

- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5
to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

with booster VSR 60

Specify

The valves offered in the attached quotation are suitable for use in
safety related systems

up to SIL 4 according to IEC 61508 in accordance with TÜV test report No. V 56 2004 T1.

The suitability of additional mounted safety related components (e.g. solenoid valve, positioner)
can

be reviewed in the corresponding documents and test reports.

- Valve according to SIL 3

Pos.-No. 41
TAG-no. UV74090

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB

1 pc. Control Valve DN 100, PN 40

Type V726 FLOWTOP Single seat-control valve
Body D Straight way, 3-flange
Connection type C Flange, surface form C acc. to DIN 2526
Balance V Not balanced
Bonnet I Insulating bonnet
Stuffing box packing N PTFE-rings live loaded

Body material no. 1.4308 stainless steel
Regulations for material O PED Standard
Material certificate B EN 10204-3.1B (Summary of certificates)
Regulations for final test A EN 1349 Standard (IEC-534/FCI 70-2)
Final test certificate B EN 10204-3.1B

Plug design P Parabolic plug
Trim equipment O Without additional trim equipment
Construction W Soft seat (PTFE)
Seat leakage T Class VI IEC/FCI
Plug guiding 1 Top guided
Characteristic G Modified equal percentage
Flow direction G Pressure opens the plug
Seat 67 mm
kvs-value 100 m³/h
Stroke 40 mm
Trim material no. 1.4571

Max. diff. pressure 40,00 bar
Nec.force 15600 N
Actuator PB 1502
Colour C Yellow
Spring / range VC 1,50 - 2,70 bar
Manual operation O without handwheel
failsafe position Z at air failure close
Nec. /max. air supply 2,80 bar / 6 bar

Positioner SRD 991-BDNS7EA4NA+EBZG-H, Electro-pneumatic positioner,
NAMUR mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal 4 (Close) - 20 (Open) mA

Filterregulator FRS 923-2SK with 1 gauge

Tubing CrNi-steel
Screwed connection CrNi-steel
Dimension 12 mm
Screwed type Swagelok Screwed

Oil- and greasless for oxygen
- oil- and greaseless (T007) - Code P
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spec. Accessory

- HERION solenoid valve type 2401109.4260

24VDC, IP66, EEx me II T4/T6, 3,9W

with TÜV approval up to AK7 /SIL4

with adapter from M20 to 1/2" NPT electr. connection

- 1/2" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French
(code "V01")

- positioner with cable entry " 6 " (1/2-14 NPT (with adapter(s) M20x1,5
to 1/2-14 NPT) instead of " 7 " (M20x1,5 with one plastic cable gland)

with booster VSR 60

Specify

The valves offered in the attached quotation are suitable for use in
safety related systems

up to SIL 4 according to IEC 61508 in accordance with TÜV test report No. V 56 2004 T1.

The suitability of additional mounted safety related components (e.g. solenoid valve, positioner)
can

be reviewed in the corresponding documents and test reports.

- Valve according to SIL 3

Pos.-No. 1
TAG-no. HV62051

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	3,36	3,37
Abs. downstream pressure	bar	3,07	3,07
Working temperature	C	-177,4	-177,5
Flow rate at operating condition	m3/h	3,85	5,13
Density at operating condition	kg/m3	1114	1115
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	7,55	9,89
Operation at (stroke)		49,00	63,00
FI-factor		0,9477	0,9434
Zy-factor		0,5189	0,4800
Calculated noise-level	dB(A)	40	40
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(50) m/s	0,5447	0,7258
Velocity in upstream pipe	(50) m/s	0,5447	0,7258
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	1110 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 2
TAG-no. HV62052

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	3,67	3,68
Abs. downstream pressure	bar	3,36	3,37
Working temperature	C	-177,4	-177,5
Flow rate at operating condition	m3/h	3,85	5,13
Density at operating condition	kg/m3	1114	1115
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	7,3	9,73
Operation at (stroke)		47,00	62,00
FI-factor		0,9482	0,9436
Zy-factor		0,5235	0,4825
Calculated noise-level	dB(A)	40	40
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(50) m/s	0,5447	0,7258
Velocity in upstream pipe	(50) m/s	0,5447	0,7258
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	1110 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 3
TAG-no. HV63016

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	1,32	3
Abs. downstream pressure	bar	1,05	1,05
Working temperature	C	-182,2	-182,2
Flow rate at operating condition	m3/h	6,28	6,28
Density at operating condition	kg/m3	1138	1138
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	12,89	4,84
Operation at (stroke)		34,00	15,00
FI-factor		0,9532	0,9642
Zy-factor		0,5288	0,6374
Calculated noise-level	dB(A)	52	60
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(80) m/s	0,347	0,347
Velocity in upstream pipe	(80) m/s	0,347	0,347
Cavitation - partial (pK) / maximum (mK)		***pK***	***mK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	2410 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 4
TAG-no. HV63034

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	34	25	1.4571	IT 127CVCOZA

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	4,5
Abs. downstream pressure	bar	4,19
Working temperature	C	-181,8
Flow rate at operating condition	m3/h	6,28
Density at operating condition	kg/m3	1137
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	12,03
Operation at (stroke)		50,00
FI-factor		0,9300
Zy-factor		0,4722
Calculated noise-level	dB(A)	40
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(50) m/s	0,8884
Velocity in upstream pipe	(50) m/s	0,8884
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	1670 N
Force of actuator	1.875,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,90 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 5
TAG-no. HV64110

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	1,27	2,73
Abs. downstream pressure	bar	1,18	1,18
Working temperature	C	-182,7	-182,7
Flow rate at operating condition	m3/h	30,05	30,05
Density at operating condition	kg/m3	1141,2	1141,2
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	107,01	25,92
Operation at (stroke)		61,00	17,00
FI-factor		0,8883	0,9260
Zy-factor		0,3456	0,5579
Calculated noise-level	dB(A)	40	68
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(100) m/s	1,06	1,06
Velocity in upstream pipe	(100) m/s	1,06	1,06
Cavitation - partial (pK) / maximum (mK)			***mK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	9850 N
Force of actuator	10.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 6
TAG-no. HV64150

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	80	125	1.4571	PB 1502CVCOZB

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	29
Abs. downstream pressure	bar	28,8
Working temperature	C	-180,7
Flow rate at operating condition	m3/h	30,15
Density at operating condition	kg/m3	1137,7
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	71,92
Operation at (stroke)		59,00
FI-factor		0,8986
Zy-factor		0,3610
Calculated noise-level	dB(A)	40
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(80) m/s	1,67
Velocity in upstream pipe	(80) m/s	1,67
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	22050 N
Force of actuator	22.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,90 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 7
TAG-no. HV64170

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/O BA B	LD WT1GG	34	14	2.4360	IT 502 C VOZ

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	29
Abs. downstream pressure	bar	3,17
Working temperature	C	-180,7
Flow rate at operating condition	m ³ /h	30,15
Density at operating condition	kg/m ³	1137,7
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m ³ /h	6,39
Operation at (stroke)		74,00
FI-factor		0,9502
Zy-factor		0,5662
Calculated noise-level	dB(A)	83
Noise-level reduction	dB(A)	
Correction value	dB(A)	-9,00
Corrected noise-level	dB(A)	74
Velocity at valve inlet	(50) m/s	4,27
Velocity in upstream pipe	(80) m/s	1,67
Cavitation - partial (pK) / maximum (mK)		***mK***
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	2590 N
Force of actuator	3.750,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 8
TAG-no. HV64210

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	1,27	2,73
Abs. downstream pressure	bar	1,18	1,18
Working temperature	C	-182,7	-182,7
Flow rate at operating condition	m3/h	30,05	30,05
Density at operating condition	kg/m3	1141,2	1141,2
Abs. pressure of vapoure	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	107,01	25,92
Operation at (stroke)		61,00	17,00
FI-factor		0,8883	0,9260
Zy-factor		0,3456	0,5579
Calculated noise-level	dB(A)	40	68
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(100) m/s	1,06	1,06
Velocity in upstream pipe	(100) m/s	1,06	1,06
Cavitation - partial (pK) / maximum (mK)			***mK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	9850 N
Force of actuator	10.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 9
TAG-no. HV64250

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	80	125	1.4571	PB 1502CVCOZB

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	29
Abs. downstream pressure	bar	28,8
Working temperature	C	-180,7
Flow rate at operating condition	m3/h	30,15
Density at operating condition	kg/m3	1137,7
Abs. pressure of vapoure	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	71,92
Operation at (stroke)		59,00
FI-factor		0,8986
Zy-factor		0,3610
Calculated noise-level	dB(A)	40
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(80) m/s	1,67
Velocity in upstream pipe	(80) m/s	1,67
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	21850 N
Force of actuator	22.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 10
TAG-no. HV64270

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/O BA B	LD WT1GG	34	14	2.4360	IT 502 C VOZ

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	29
Abs. downstream pressure	bar	3,17
Working temperature	C	-180,7
Flow rate at operating condition	m3/h	30,15
Density at operating condition	kg/m3	1137,7
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	6,39
Operation at (stroke)		74,00
FI-factor		0,9502
Zy-factor		0,5662
Calculated noise-level	dB(A)	83
Noise-level reduction	dB(A)	
Correction value	dB(A)	-9,00
Corrected noise-level	dB(A)	74
Velocity at valve inlet	(50) m/s	4,27
Velocity in upstream pipe	(80) m/s	1,67
Cavitation - partial (pK) / maximum (mK)		***mK***
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	2590 N
Force of actuator	3.750,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 11
TAG-no. HV72051

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	2,72	2,72
Abs. downstream pressure	bar	2,49	2,49
Working temperature	C	-191,4	-191,4
Flow rate at operating condition	m3/h	4,78	6,53
Density at operating condition	kg/m3	785	785
Abs. pressure of vapoure	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	8,83	12,06
Operation at (stroke)		57,00	76,00
FI-factor		0,9452	0,9399
Zy-factor		0,4967	0,4491
Calculated noise-level	dB(A)	40	40
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(50) m/s	0,6762	0,9238
Velocity in upstream pipe	(50) m/s	0,6762	0,9238
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	1110 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 12
TAG-no. HV72052

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	2,72	2,72
Abs. downstream pressure	bar	2,49	2,49
Working temperature	C	-191,4	-191,4
Flow rate at operating condition	m3/h	4,78	6,53
Density at operating condition	kg/m3	785	785
Abs. pressure of vapoure	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	8,83	12,06
Operation at (stroke)		57,00	76,00
FI-factor		0,9452	0,9399
Zy-factor		0,4967	0,4491
Calculated noise-level	dB(A)	40	40
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(50) m/s	0,6762	0,9238
Velocity in upstream pipe	(50) m/s	0,6762	0,9238
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	1110 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 13
TAG-no. HV72053

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	40	40	1.4308/OBAB	POWT1LG	16	6,3	1.4571	IT 127CDYOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	8
Abs. downstream pressure	bar	6,27
Working temperature	C	-172,6
Flow rate at operating condition	m3/h	1,28
Density at operating condition	kg/m3	686
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	0,8061
Operation at (stroke)		15,00
FI-factor		0,9878
Zy-factor		0,6875
Calculated noise-level	dB(A)	40
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(40) m/s	0,2829
Velocity in upstream pipe	(40) m/s	0,2829
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	16,00 bar
Necessary force	800 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 14
TAG-no. HV73014

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 502CVCOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	8
Abs. downstream pressure	bar	0
Working temperature	C	-172,6
Flow rate at operating condition	m3/h	0
Density at operating condition	kg/m3	802,2
Abs. pressure of vapour	bar	
Abs. critical pressure	bar	
Calculated kv-value	m3/h	
Operation at (stroke)		
FI-factor		0,9900
Zy-factor		0,9000
Calculated noise-level	dB(A)	
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(50) m/s	
Velocity in upstream pipe	(50) m/s	
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	28,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	6080 N
Force of actuator	7.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,90 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 15
TAG-no. HV73110

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	1,17	2,23
Abs. downstream pressure	bar	1,12	1,12
Working temperature	C	-195,3	-195,3
Flow rate at operating condition	m3/h	31,17	31,17
Density at operating condition	kg/m3	802,2	802,2
Abs. pressure of vapoure	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	124,86	26,56
Operation at (stroke)		70,00	17,00
FI-factor		0,8829	0,9255
Zy-factor		0,3157	0,5550
Calculated noise-level	dB(A)	40	66
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(100) m/s	1,1	1,1
Velocity in upstream pipe	(100) m/s	1,1	1,1
Cavitation - partial (pK) / maximum (mK)			***mK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	1,23
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	9850 N
Force of actuator	10.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 16
TAG-no. HV73150

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	10	11,5
Abs. downstream pressure	bar	8	8,63
Working temperature	C	-195,3	-195,3
Flow rate at operating condition	m3/h	31,17	31,17
Density at operating condition	kg/m3	802,2	802,2
Abs. pressure of vapoure	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	19,74	16,48
Operation at (stroke)		51,00	43,00
FI-factor		0,9470	0,9498
Zy-factor		0,4683	0,4950
Calculated noise-level	dB(A)	50	51
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(80) m/s	1,72	1,72
Velocity in upstream pipe	(80) m/s	1,72	1,72
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	4500 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 17
TAG-no. HV73170

Type	DN	PN/Cl	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	10
Abs. downstream pressure	bar	2,55
Working temperature	C	-195,3
Flow rate at operating condition	m3/h	31,17
Density at operating condition	kg/m3	802,2
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	10,23
Operation at (stroke)		54,00
FI-factor		0,9562
Zy-factor		0,5728
Calculated noise-level	dB(A)	77
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(80) m/s	1,72
Velocity in upstream pipe	(80) m/s	1,72
Cavitation - partial (pK) / maximum (mK)		***pK***
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	4500 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 18
TAG-no. HV73210

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	1,17	2,23
Abs. downstream pressure	bar	1,12	1,12
Working temperature	C	-195,3	-195,3
Flow rate at operating condition	m3/h	31,17	31,17
Density at operating condition	kg/m3	802,2	802,2
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	124,86	26,56
Operation at (stroke)		70,00	17,00
FI-factor		0,8829	0,9255
Zy-factor		0,3157	0,5550
Calculated noise-level	dB(A)	40	66
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(100) m/s	1,1	1,1
Velocity in upstream pipe	(100) m/s	1,1	1,1
Cavitation - partial (pK) / maximum (mK)			***mK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	1,23
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	9850 N
Force of actuator	10.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 19
TAG-no. HV73250

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	10	11,5
Abs. downstream pressure	bar	8	8,63
Working temperature	C	-195,3	-195,3
Flow rate at operating condition	m3/h	31,17	31,17
Density at operating condition	kg/m3	802,2	802,2
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	19,74	16,48
Operation at (stroke)		51,00	43,00
FI-factor		0,9470	0,9498
Zy-factor		0,4683	0,4950
Calculated noise-level	dB(A)	50	51
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(80) m/s	1,72	1,72
Velocity in upstream pipe	(80) m/s	1,72	1,72
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	4500 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 20
TAG-no. HV73270

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	10
Abs. downstream pressure	bar	2,55
Working temperature	C	-195,3
Flow rate at operating condition	m3/h	31,17
Density at operating condition	kg/m3	802,2
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	10,23
Operation at (stroke)		54,00
FI-factor		0,9562
Zy-factor		0,5728
Calculated noise-level	dB(A)	77
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(80) m/s	1,72
Velocity in upstream pipe	(80) m/s	1,72
Cavitation - partial (pK) / maximum (mK)		***pK***
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	4500 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 21
TAG-no. HV74110

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	1,17	2,23
Abs. downstream pressure	bar	1,12	1,12
Working temperature	C	-195,3	-195,3
Flow rate at operating condition	m3/h	5,46	5,46
Density at operating condition	kg/m3	802,2	802,2
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	21,87	4,64
Operation at (stroke)		56,00	14,00
FI-factor		0,9454	0,9646
Zy-factor		0,4525	0,6412
Calculated noise-level	dB(A)	40	57
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(80) m/s	0,3017	0,3017
Velocity in upstream pipe	(80) m/s	0,3017	0,3017
Cavitation - partial (pK) / maximum (mK)			***pK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	2410 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 22
TAG-no. HV74150

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 700CJCOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	22
Abs. downstream pressure	bar	21,95
Working temperature	C	-193,5
Flow rate at operating condition	m3/h	5,47
Density at operating condition	kg/m3	799,5
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	21,88
Operation at (stroke)		48,00
FI-factor		0,9138
Zy-factor		0,4266
Calculated noise-level	dB(A)	40
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(50) m/s	0,7739
Velocity in upstream pipe	(50) m/s	0,7739
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	21,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	8920 N
Force of actuator	12.600,00 N
Spring range	1,80 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 23
TAG-no. HV74170

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	12	4	1.4571	IT 127CDYOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	22
Abs. downstream pressure	bar	2,54
Working temperature	C	-193,5
Flow rate at operating condition	m3/h	5,47
Density at operating condition	kg/m3	799,5
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	1,11
Operation at (stroke)		57,00
FI-factor		0,9775
Zy-factor		0,6611
Calculated noise-level	dB(A)	73
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(25) m/s	3,1
Velocity in upstream pipe	(50) m/s	0,7739
Cavitation - partial (pK) / maximum (mK)		***pK***
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	21,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	860 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 24
TAG-no. HV74210

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	1,17	2,23
Abs. downstream pressure	bar	1,12	1,12
Working temperature	C	-195,3	-195,3
Flow rate at operating condition	m3/h	5,46	5,46
Density at operating condition	kg/m3	802,2	802,2
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	21,87	4,64
Operation at (stroke)		56,00	14,00
FI-factor		0,9454	0,9646
Zy-factor		0,4525	0,6412
Calculated noise-level	dB(A)	40	57
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(80) m/s	0,3017	0,3017
Velocity in upstream pipe	(80) m/s	0,3017	0,3017
Cavitation - partial (pK) / maximum (mK)			***pK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	2410 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 25
TAG-no. HV74250

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 700CJCOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	22
Abs. downstream pressure	bar	21,95
Working temperature	C	-193,5
Flow rate at operating condition	m3/h	5,47
Density at operating condition	kg/m3	799,5
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	21,88
Operation at (stroke)		48,00
FI-factor		0,9138
Zy-factor		0,4266
Calculated noise-level	dB(A)	40
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(50) m/s	0,7739
Velocity in upstream pipe	(50) m/s	0,7739
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	21,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	8920 N
Force of actuator	12.600,00 N
Spring range	1,80 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 26
TAG-no. HV74270

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	12	4	1.4571	IT 127CDYOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	22
Abs. downstream pressure	bar	2,54
Working temperature	C	-193,5
Flow rate at operating condition	m3/h	5,47
Density at operating condition	kg/m3	799,5
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	1,11
Operation at (stroke)		57,00
FI-factor		0,9775
Zy-factor		0,6611
Calculated noise-level	dB(A)	73
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(25) m/s	3,1
Velocity in upstream pipe	(50) m/s	0,7739
Cavitation - partial (pK) / maximum (mK)		***pK***
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	21,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	860 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 27
TAG-no. PV62005

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1GG	84	160	1.4571	IT 502CDYOZB

Operating conditions

Medium OXYGEN
Process data Gas

Abs. upstream pressure	bar	1,05	1,05
Abs. downstream pressure	bar	1,01	1,01
Working temperature	C	-50	-50
Normal flow rate	Nm3/h	500	250
Normal density	kg/Nm3	1,43	1,43
Isentropic exponent		1,40	1,40
Real gas exponent Z		0,9991	0,9991
Calculated kv-value	m3/h	85,5	42,69
Operation at (stroke)		79,00	56,00
Xt-factor		0,6827	0,7392

Calculated noise-level	dB(A)	55	51
Noise-level reduction	dB(A)		
Mach Number Correction	dB(A)	-9	-13
Correction value	dB(A)		
Corrected noise-level	dB(A)	46	38
Velocity at valve outlet	(100) m/s	14,3	7,15
Velocity in downstream pipe	(100) m/s	14,3	7,15
Choked flow (DB)			

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	1,00 bar
Necessary force	2250 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 28
TAG-no. PV62040

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	8	1	1.4571	IT 127CDYOZA

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	1,32	3
Abs. downstream pressure	bar	1,01	1,01
Working temperature	C	-182,2	-182,2
Flow rate at operating condition	m3/h	0,1503	0,1503
Density at operating condition	kg/m3	1141,2	1141,2
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	0,2884	0,1138
Operation at (stroke)		58,00	28,00
FI-factor		0,9848	0,9881
Zy-factor		0,7259	0,7858
Calculated noise-level	dB(A)	40	42
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(25) m/s	0,0851	0,0851
Velocity in upstream pipe	(25) m/s	0,0851	0,0851
Cavitation - partial (pK) / maximum (mK)		***pK***	***mK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	470 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 29
TAG-no. PV63033

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1GG	25	16	1.4571	IT 127CDYOZA

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	4
Abs. downstream pressure	bar	3
Working temperature	C	-181,8
Flow rate at operating condition	m3/h	6,28
Density at operating condition	kg/m3	1137
Abs. pressure of vapoure	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	6,7
Operation at (stroke)		71,00
FI-factor		0,9495
Zy-factor		0,5604
Calculated noise-level	dB(A)	40
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(50) m/s	0,8884
Velocity in upstream pipe	(50) m/s	0,8884
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	11,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	10,00 bar
Necessary force	1110 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 30
TAG-no. PV72005

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	16	1.4308/OBAB	POWT1GG	67	100	1.4571	IT 502CDYOZB

Operating conditions

Medium NITROGEN
Process data Gas

Abs. upstream pressure	bar	1,13	1,13
Abs. downstream pressure	bar	1,01	1,01
Working temperature	C	-50	-50
Normal flow rate	Nm3/h	500	250
Normal density	kg/Nm3	1,25	1,25
Isentropic exponent		1,40	1,40
Real gas exponent Z		0,9969	0,9969
Calculated kv-value	m3/h	45,86	22,85
Operation at (stroke)		74,00	51,00
Xt-factor		0,7223	0,7715

Calculated noise-level	dB(A)	61	57
Noise-level reduction	dB(A)		
Mach Number Correction	dB(A)	-9	-13
Correction value	dB(A)		
Corrected noise-level	dB(A)	52	44
Velocity at valve outlet	(100) m/s	14,27	7,13
Velocity in downstream pipe	(100) m/s	14,27	7,13
Choked flow (DB)			

Design data

Body material		1.4308
design pressure	bar g	1,23
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	1,00 bar
Necessary force	1770 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 31
TAG-no. PV72040

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	8	1,6	1.4571	IT 127CDYOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	1,29	2,55
Abs. downstream pressure	bar	1,13	1,13
Working temperature	C	-182,2	-182,2
Flow rate at operating condition	m3/h	0,1644	0,1315
Density at operating condition	kg/m3	1141,2	1141,2
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	0,4391	0,1179
Operation at (stroke)		57,00	18,00
FI-factor		0,9850	0,9893
Zy-factor		0,7297	0,8069
Calculated noise-level	dB(A)	40	40
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(25) m/s	0,093	0,0744
Velocity in upstream pipe	(25) m/s	0,093	0,0744
Cavitation - partial (pK) / maximum (mK)			***pK***
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	1,55
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	470 N
Force of actuator	1.250,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,60 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 32
TAG-no. PV73002

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVNN	50	40	1.0619/OBAB	POWT1LG	50	47,5	1.4571	IT 502CVCOZA

Operating conditions

Medium NITROGEN
Process data Gas

Abs. upstream pressure	bar	21	21
Abs. downstream pressure	bar	10	20,9
Working temperature	C	20	20
Normal flow rate	Nm ³ /h	1250	1250
Normal density	kg/Nm ³	1,25	1,25
Isentropic exponent		1,40	1,40
Real gas exponent Z		0,9969	0,9969
Calculated kv-value	m ³ /h	3,84	31,83
Operation at (stroke)		11,00	68,00
Xt-factor		0,8247	0,6903

Calculated noise-level	dB(A)	86	55
Noise-level reduction	dB(A)		
Mach Number Correction	dB(A)	-8	-12
Correction value	dB(A)		
Corrected noise-level	dB(A)	78	43
Velocity at valve outlet	(50) m/s	18,03	9,06
Velocity in downstream pipe	(50) m/s	18,93	9,06
Choked flow (DB)			

Design data

Body material		1.0619
design pressure	bar g	21,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-25,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	5950 N
Force of actuator	7.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 33
TAG-no. PV73005

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	20	10	1.4571	IT 127CVCOZA

Operating conditions

Medium NITROGEN
Process data Gas

Abs. upstream pressure	bar	8	8
Abs. downstream pressure	bar	1,01	1,01
Working temperature	C	-50	-50
Normal flow rate	Nm3/h	500	50
Normal density	kg/Nm3	1,25	1,25
Isentropic exponent		1,40	1,40
Real gas exponent Z		0,9969	0,9969
Calculated kv-value	m3/h	3,4	0,3214
Operation at (stroke)		64,00	8,00
Xt-factor		0,7848	0,8776
Calculated noise-level	dB(A)	86	72
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve outlet	(25) m/s	57,64	5,76
Velocity in downstream pipe	(25) m/s	228,27	22,83
Choked flow (DB)		***DB***	***DB***

Design data

Body material		1.4308
design pressure	bar g	7,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	1800 N
Force of actuator	1.875,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,90 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 34
TAG-no. PV73015

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVNN	50	40	1.0619/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZA

Operating conditions

Medium NITROGEN
Process data Gas

Abs. upstream pressure	bar	21	10,31
Abs. downstream pressure	bar	10	10
Working temperature	C	50	-10
Normal flow rate	Nm3/h	300	1250
Normal density	kg/Nm3	1,25	1,25
Isentropic exponent		1,40	1,40
Real gas exponent Z		0,9969	0,9969
Calculated kv-value	m3/h	0,9543	24,73
Operation at (stroke)		6,00	84,00
Xt-factor		0,8705	0,7163

Calculated noise-level	dB(A)	78	64
Noise-level reduction	dB(A)		
Mach Number Correction	dB(A)	-15	-9
Correction value	dB(A)		
Corrected noise-level	dB(A)	63	55
Velocity at valve outlet	(50) m/s	4,77	16,99
Velocity in downstream pipe	(50) m/s	5,01	16,99
Choked flow (DB)			

Design data

Body material		1.0619
design pressure	bar g	21,00
max. design temperature	deg C	50,00
min. design temperature	deg C	-25,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	4370 N
Force of actuator	5.000,00 N
Spring range	1,00 - 2,40 bar
Necessary air supply	2,50 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 35
TAG-no. PV73016

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CVCOZA

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	11,5
Abs. downstream pressure	bar	10,63
Working temperature	C	-195,3
Flow rate at operating condition	m3/h	31,17
Density at operating condition	kg/m3	802,2
Abs. pressure of vapoure	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	29,93
Operation at (stroke)		76,00
FI-factor		0,9101
Zy-factor		0,3604
Calculated noise-level	dB(A)	47
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(50) m/s	4,41
Velocity in upstream pipe	(50) m/s	4,41
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	6460 N
Force of actuator	7.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 36
TAG-no. PV73101

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	IT 700CVCOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	8	10
Abs. downstream pressure	bar	7,7	8
Working temperature	C	-180,7	-180,7
Flow rate at operating condition	m3/h	24,97	24,97
Density at operating condition	kg/m3	801,3	801,3
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	40,81	15,81
Operation at (stroke)		70,00	38,00
FI-factor		0,9168	0,9365
Zy-factor		0,4544	0,5794
Calculated noise-level	dB(A)	40	47
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(80) m/s	1,38	1,38
Velocity in upstream pipe	(80) m/s	1,38	1,38
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	10480 N
Force of actuator	10.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,90 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 37
TAG-no. TV64181

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVRO	125	40	1.0619/OBAB	PKKP1GG	84	140	1.4571	PB 1502CVCOZC

Operating conditions

Medium Saturated steam
Process data Steam

Abs. upstream pressure	bar	11	11
Abs. downstream pressure	bar	10	1,5
Working temperature	C	270	270
Weight of flow	kg/h	6600	5000
Spec. volume at upstream	m3/kg	0,2207	0,2207
Isentropic exponent		1,33	1,33
Calculated kv-value	m3/h	102,59	38,81
Operation at (stroke)		90,00	57,00
Xt-factor		0,7219	0,7892
Calculated noise-level	dB(A)	85	106
Noise-level reduction	dB(A)	-7,00	-17,00
Correction value	dB(A)		
Corrected noise-level	dB(A)	78	89
Velocity at valve outlet	(125) m/s	35,81	49,32
Velocity in downstream pipe	(125) m/s	35,81	180,85
Choked flow (DB)			***DB***

Design data

Body material		1.0619
design pressure	bar g	21,00
max. design temperature	deg C	270,00
min. design temperature	deg C	-25,00

Data of actuator

Max. differential pressure	20,00 bar
Necessary force	13570 N
Force of actuator	22.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 38
TAG-no. TV73081

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVRO	125	40	1.0619/OBAB	PKKP1GG	84	140	1.4571	PB 1502CVCOZC

Operating conditions

Medium Saturated steam
Process data Steam

Abs. upstream pressure	bar	11	11
Abs. downstream pressure	bar	10	1,5
Working temperature	C	270	270
Weight of flow	kg/h	5600	4000
Spec. volume at upstream	m ³ /kg	0,2207	0,2207
Isentropic exponent		1,33	1,33
Calculated kv-value	m ³ /h	86,98	30,79
Operation at (stroke)		84,00	49,00
Xt-factor		0,7349	0,8021
Calculated noise-level	dB(A)	84	104
Noise-level reduction	dB(A)	-7,00	-17,00
Correction value	dB(A)		
Corrected noise-level	dB(A)	77	87
Velocity at valve outlet	(125) m/s	30,38	39,46
Velocity in downstream pipe	(125) m/s	30,38	144,68
Choked flow (DB)			***DB***

Design data

Body material		1.0619
design pressure	bar g	21,00
max. design temperature	deg C	270,00
min. design temperature	deg C	-25,00

Data of actuator

Max. differential pressure	20,00 bar
Necessary force	13570 N
Force of actuator	22.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 39
TAG-no. UV64010

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB

Operating conditions

Medium OXYGEN
Process data Liquid

Abs. upstream pressure	bar	28,8
Abs. downstream pressure	bar	28,4
Working temperature	C	-180,7
Flow rate at operating condition	m3/h	30,15
Density at operating condition	kg/m3	1137,7
Abs. pressure of vapour	bar	1
Abs. critical pressure	bar	200
Calculated kv-value	m3/h	50,85
Operation at (stroke)		77,00
FI-factor		0,9111
Zy-factor		0,4191
Calculated noise-level	dB(A)	41
Noise-level reduction	dB(A)	
Correction value	dB(A)	
Corrected noise-level	dB(A)	
Velocity at valve inlet	(80) m/s	1,67
Velocity in upstream pipe	(80) m/s	1,67
Cavitation - partial (pK) / maximum (mK)		
Flashing (A)		

Design data

Body material		1.4308
design pressure	bar g	27,80
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	40,00 bar
Necessary force	15800 N
Force of actuator	22.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,90 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 40
TAG-no. UV73010

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB

Operating conditions

Medium NITROGEN
Process data Liquid

Abs. upstream pressure	bar	8	10
Abs. downstream pressure	bar	7,7	8
Working temperature	C	-180,7	-180,7
Flow rate at operating condition	m3/h	31,21	31,21
Density at operating condition	kg/m3	801,3	801,3
Abs. pressure of vapour	bar	1	1
Abs. critical pressure	bar	200	200
Calculated kv-value	m3/h	51,01	19,76
Operation at (stroke)		78,00	46,00
FI-factor		0,9111	0,9325
Zy-factor		0,4185	0,5537
Calculated noise-level	dB(A)	40	48
Noise-level reduction	dB(A)		
Correction value	dB(A)		
Corrected noise-level	dB(A)		
Velocity at valve inlet	(80) m/s	1,72	1,72
Velocity in upstream pipe	(80) m/s	1,72	1,72
Cavitation - partial (pK) / maximum (mK)			
Flashing (A)			

Design data

Body material		1.4308
design pressure	bar g	10,50
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

Data of actuator

Max. differential pressure	25,00 bar
Necessary force	10480 N
Force of actuator	22.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,90 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Pos.-No. 41
TAG-no. UV74090

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 DCVIN	100	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB

Operating conditions

Medium NITROGEN
Process data Gas

Abs. upstream pressure	bar	21,1
Abs. downstream pressure	bar	21
Working temperature	C	2
Normal flow rate	Nm ³ /h	3500
Normal density	kg/Nm ³	1,25
Isentropic exponent		1,40
Real gas exponent Z		0,9969
Calculated kv-value	m ³ /h	86,14
Operation at (stroke)		95,00
Xt-factor		0,6668

Calculated noise-level	dB(A)	61
Noise-level reduction	dB(A)	
Mach Number Correction	dB(A)	-14
Correction value	dB(A)	
Corrected noise-level	dB(A)	47
Velocity at valve outlet	(100) m/s	5,92
Velocity in downstream pipe	(100) m/s	5,92
Choked flow (DB)		

Design data

Body material		1.4308
design pressure	bar g	20,10
max. design temperature	deg C	50,00
min. design temperature	deg C	-196,00

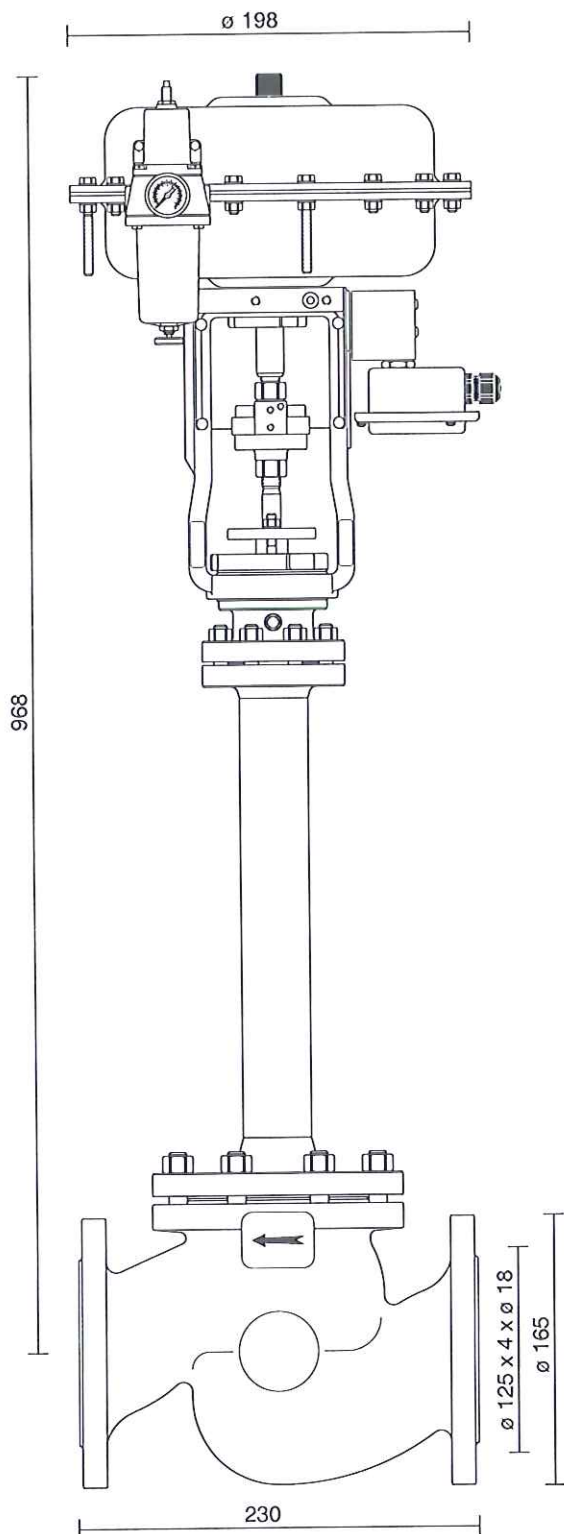
Data of actuator

Max. differential pressure	40,00 bar
Necessary force	15600 N
Force of actuator	22.500,00 N
Spring range	1,50 - 2,70 bar
Necessary air supply	2,80 bar
Max. allowable air supply	6 bar
Positioner necessary	Yes

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV62051

STAN 0425000-0, Pos. 1
31.01.2005
ZenklD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option

Oil & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 127
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

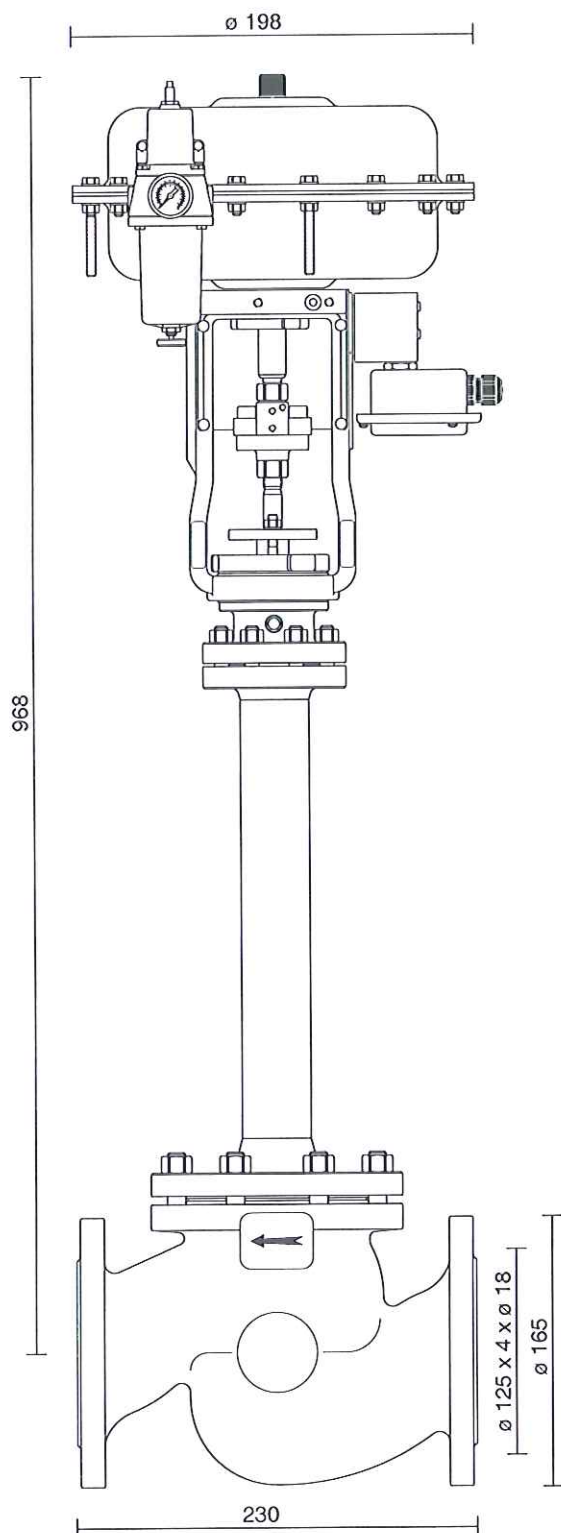
- 1/4" ANSI tubing with Swagelok screwed connection
- with cold box hood

Total weight app. 28 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV62052

STAN 0425000-0, Pos. 2
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 127
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2"NPT electr. connection

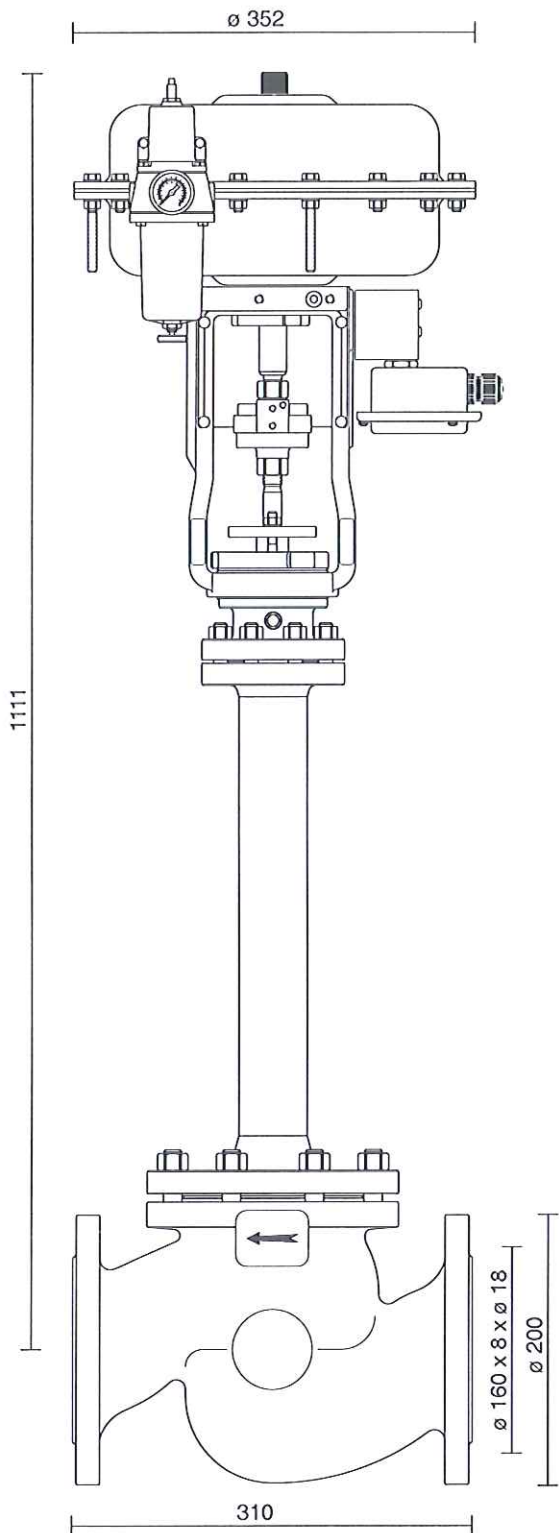
- 1/4" ANSI tubing with Swagelok screwed connection
- with cold box hood

Total weight app. 28 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV63016

STAN 0425000-0, Pos. 3
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY
Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

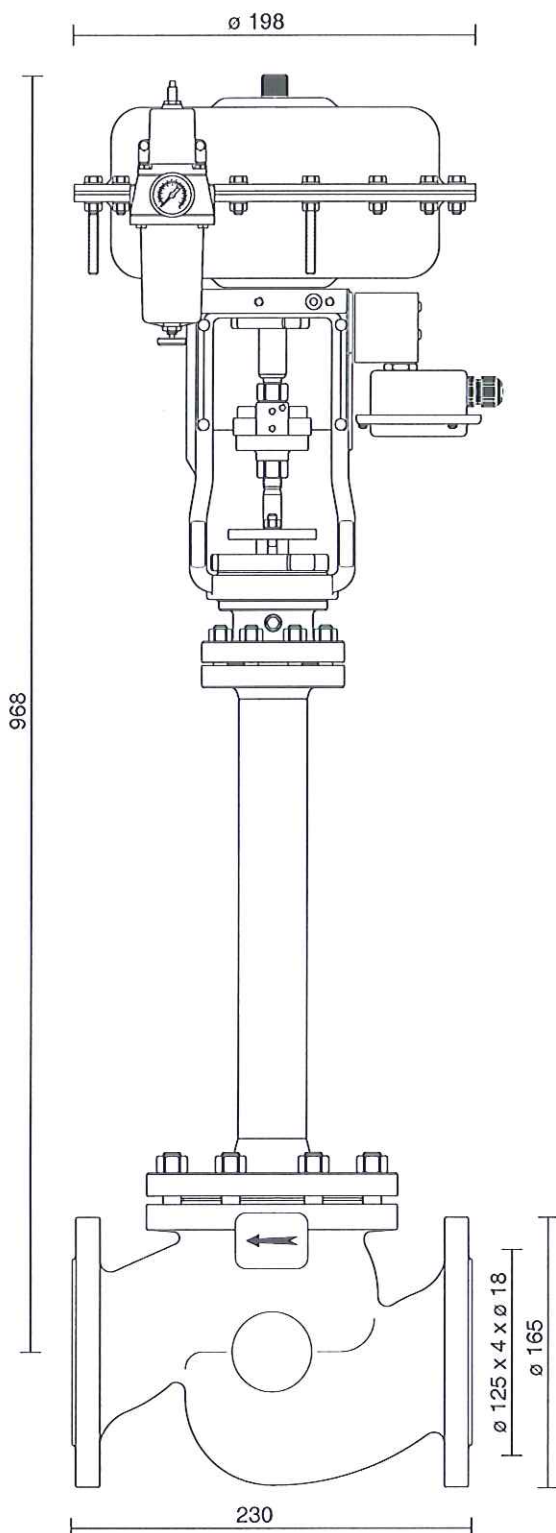
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 66 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV63034

STAN 0425000-0, Pos. 4
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	34	25	1.4571	IT 127CVCOZA	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option
 Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 127
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option
 Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2"NPT electr. connection

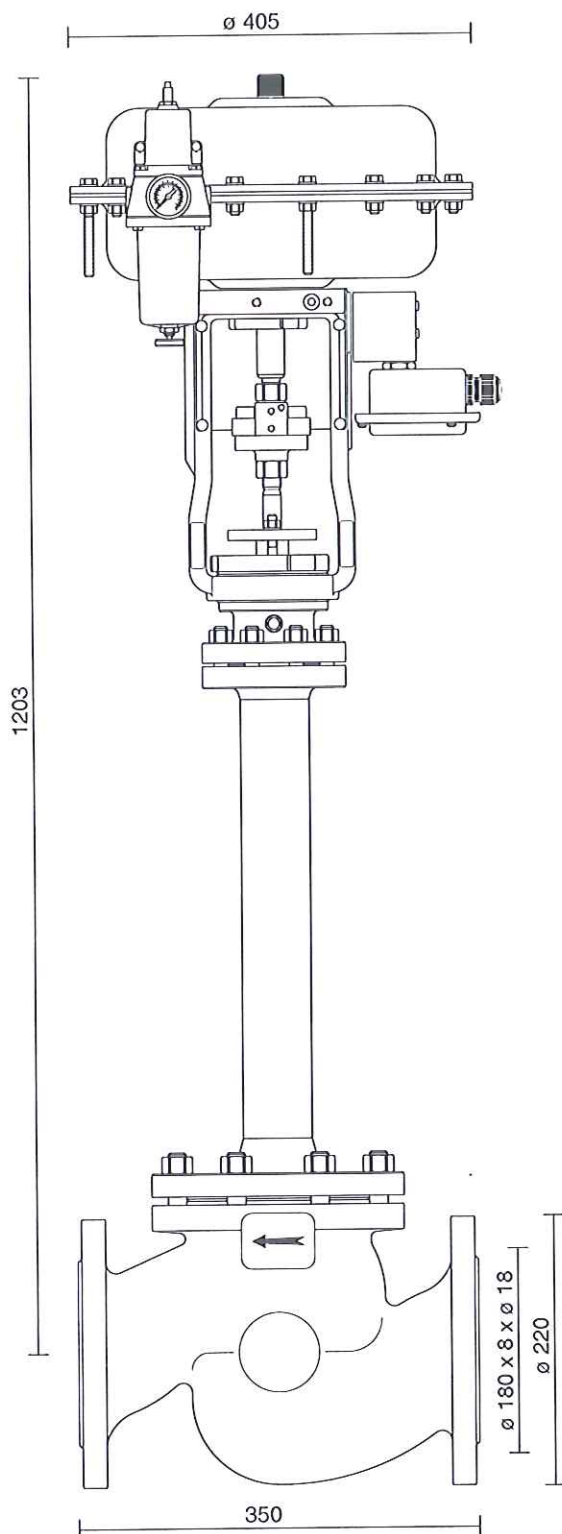
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 28 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV64110

STAN 0425000-0, Pos. 5
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 700
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2" NPT electr. connection

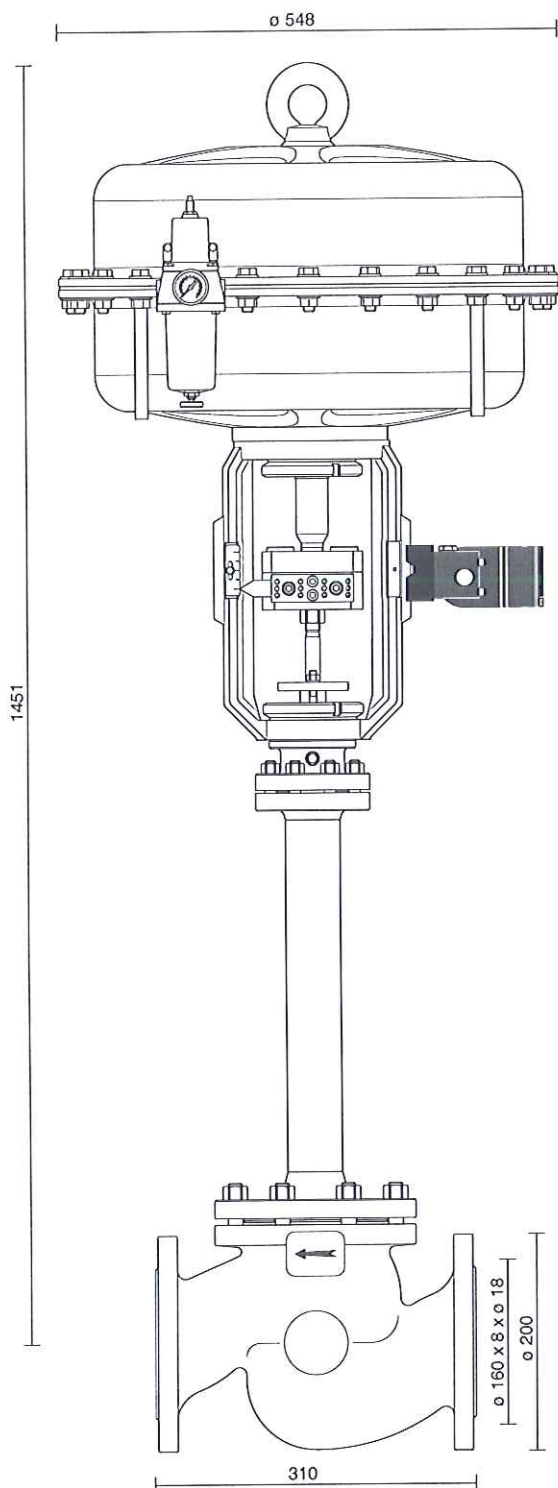
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 92 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV64150

STAN 0425000-0, Pos. 6
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	80	125	1.4571	PB 1502CVCOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
PB 1502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY
Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2"NPT electr. connection

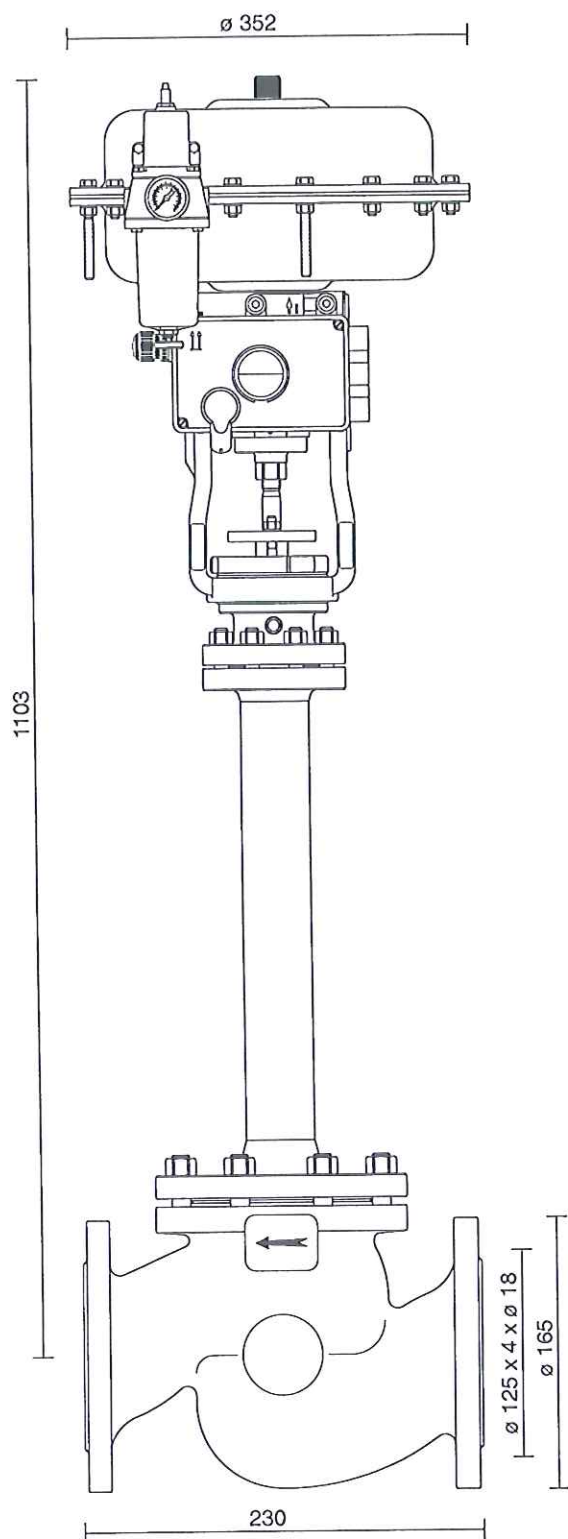
- 1/2" ANSI tubing with Swagelok screwed connection

Total weight app. 166,5 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV64170

STAN 0425000-0, Pos. 7
31.01.2005
ZenklD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/O BA B	LD WT1GG	34	14	2.4360	IT 502 C VOZ	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:

Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-E
direct mounted
protection class: II 2 G EEx ia IIC T4
pneum. connection: backside with O-ring
elec. connection: M 20x1,5 cable diameter 6 to 12mm
Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

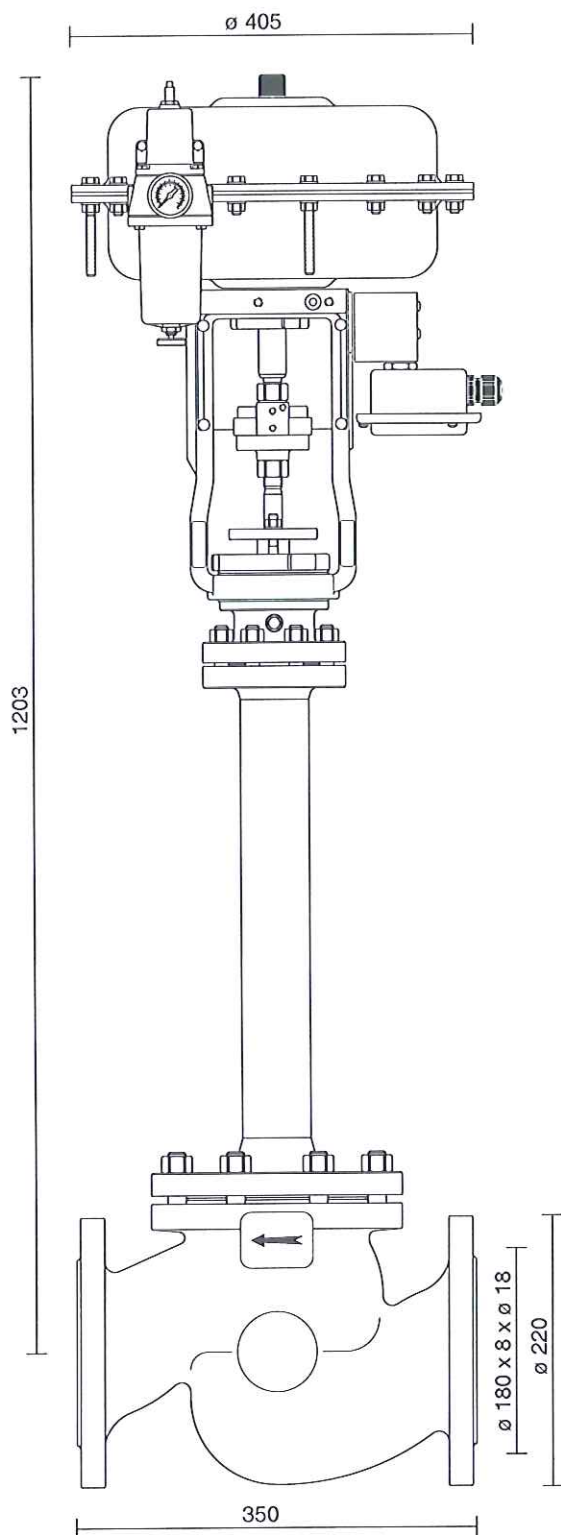
- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French code "V01"
- positioner with cable entry "6" 1/2-14 NPT with adapters M20x1,5 to 1/2-14 NPT instead of "7" M20x1,5 with one plastic cable gland

Total weight app. 19 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV64210

STAN 0425000-0, Pos. 8
31.01.2005
ZenkiD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 700
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2"NPT electr. connection

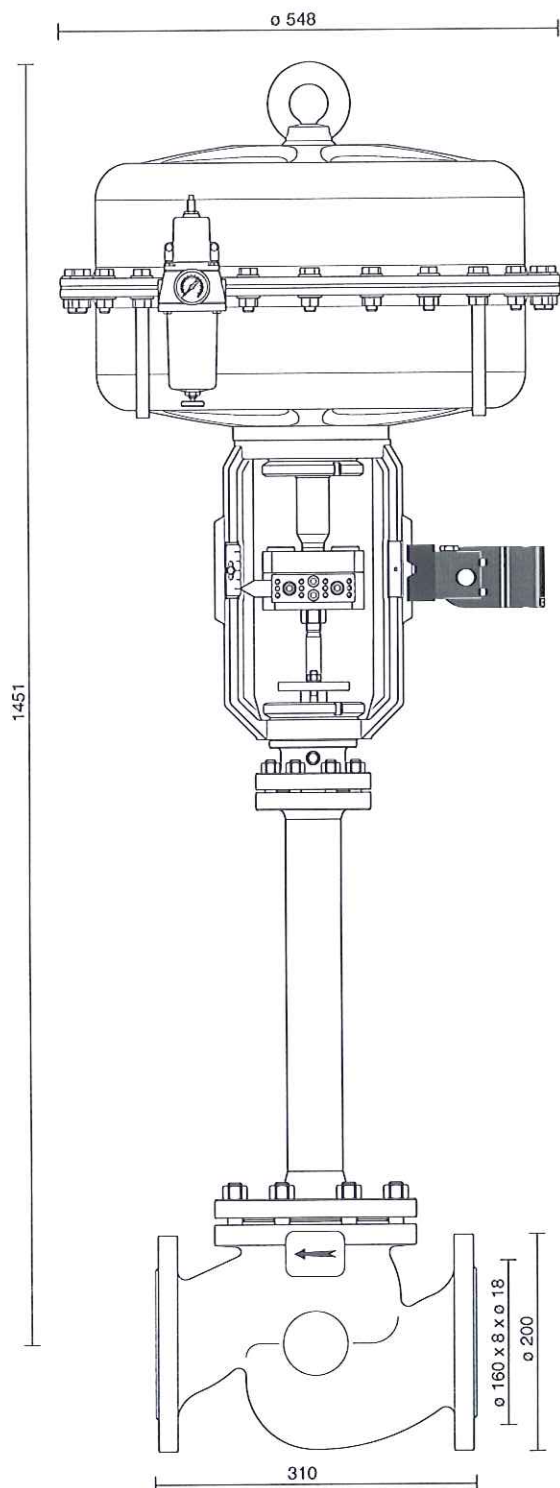
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 92 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV64250

STAN 0425000-0, Pos. 9
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	80	125	1.4571	PB 1502CVCOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
PB 1502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY
Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2"NPT electr. connection

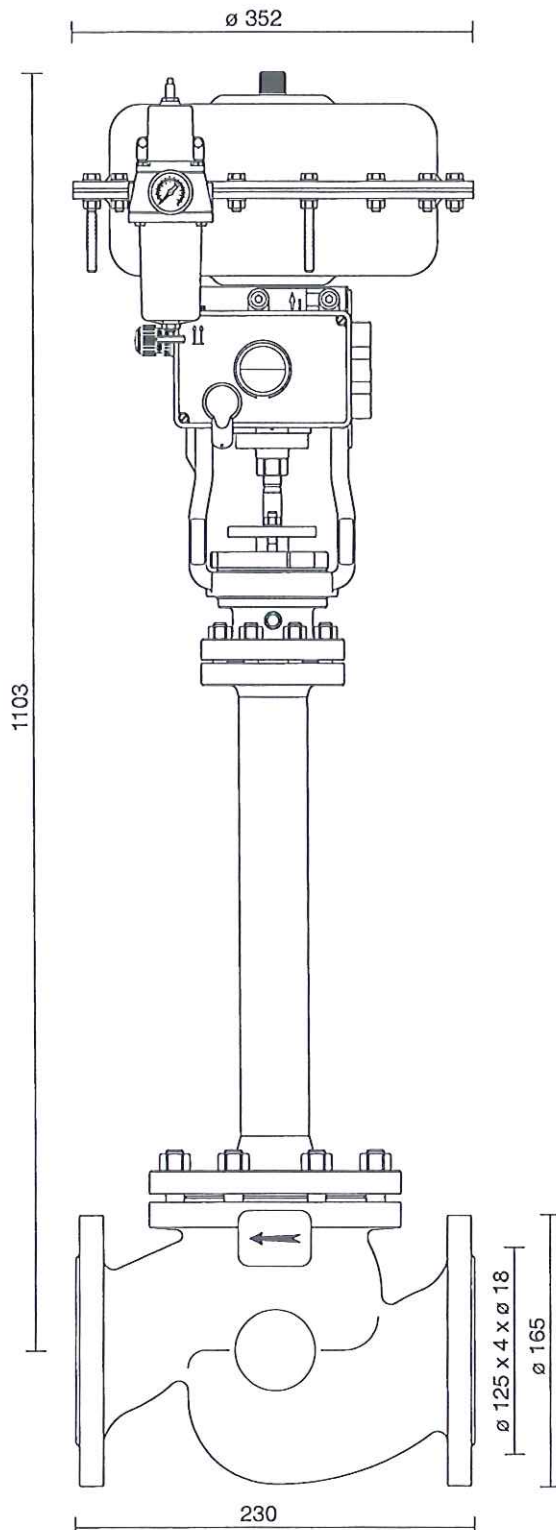
- 1/2" ANSI tubing with Swagelok screwed connection

Total weight app. 166,5 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV64270

STAN 0425000-0, Pos. 10
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/O BA B	LD WT1GG	34	14	2.4360	IT 502 C VOZ	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point 1
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:

Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-E
direct mounted
protection class: II 2 G EEx ia IIC T4
pneum. connection: backside with O-ring
elec. connection: M 20x1,5 cable diameter 6 to 12mm
Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French
code "V01"

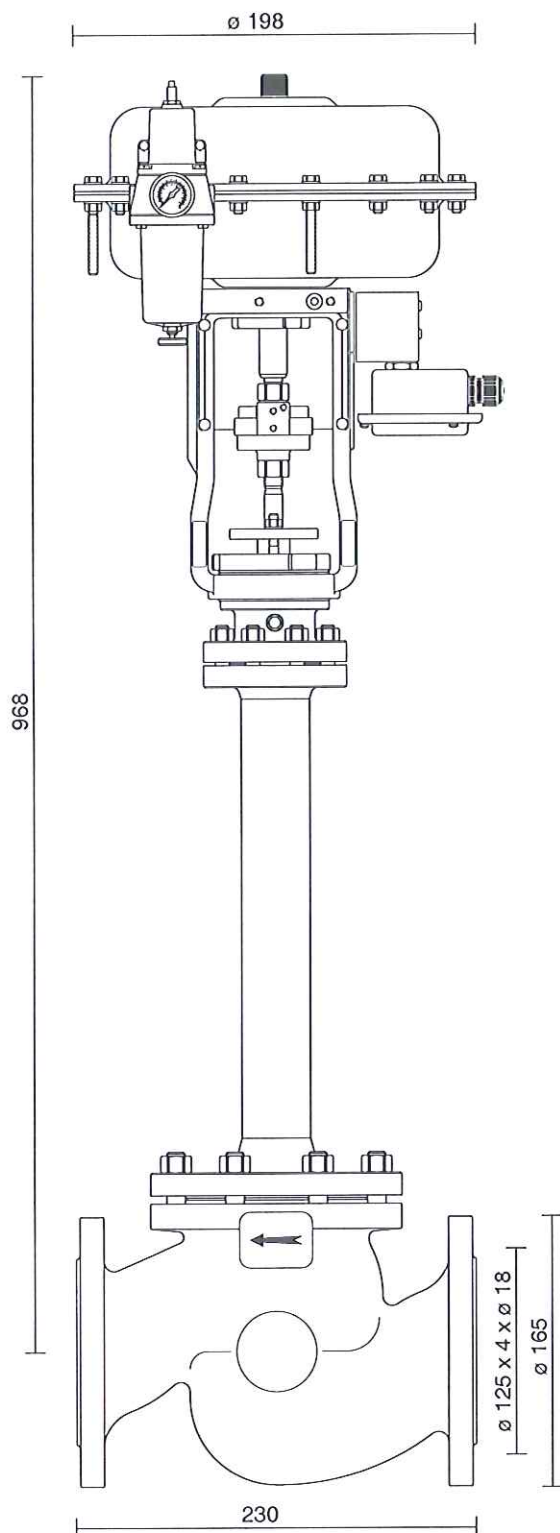
- positioner with cable entry "6" 1/2-14 NPT with adapters M20x1,5
to 1/2-14 NPT instead of "7" M20x1,5 with one plastic cable gland

Total weight app. 19 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV72051

STAN 0425000-0, Pos. 11
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 127
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

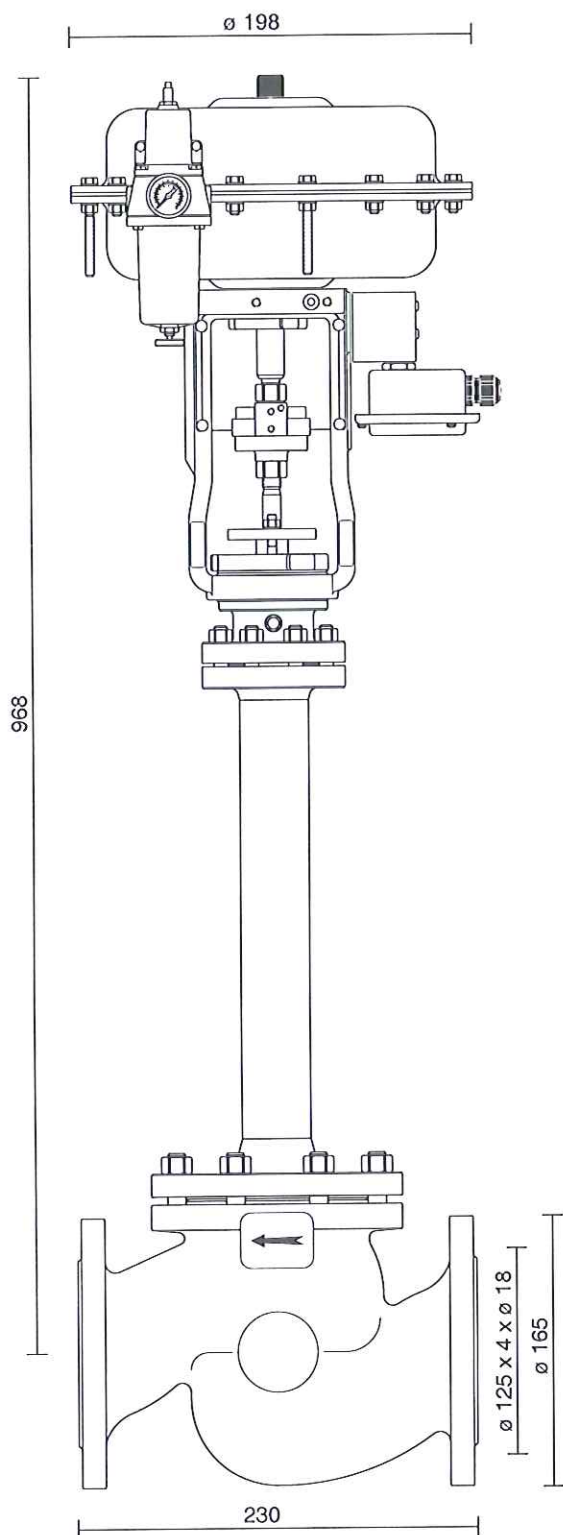
- with cold box hood

Total weight app. 28 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV72052

STAN 0425000-0, Pos. 12
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	25	16	1.4571	IT 127CDYOZA	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 127
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2"NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

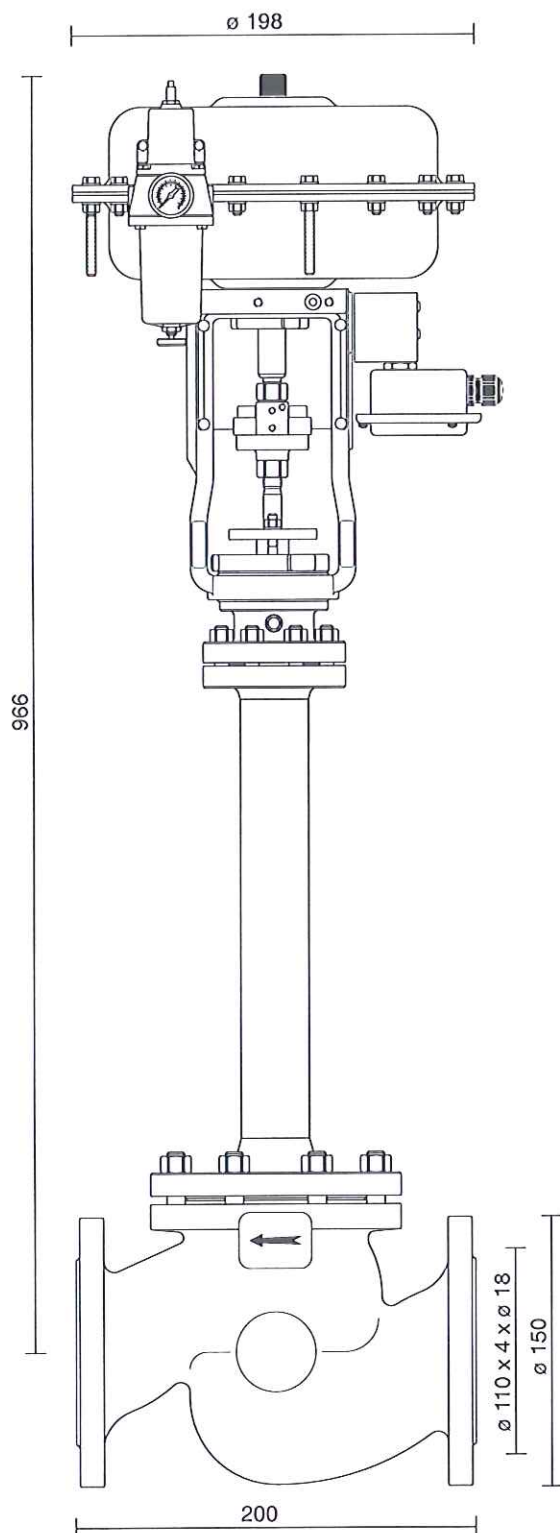
- with cold box hood

Total weight app. 28 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV72053

STAN 0425000-0, Pos. 13
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	40	40	1.4308/OBAB	POWT1LG	16	6,3	1.4571	IT 127CDYOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 127
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

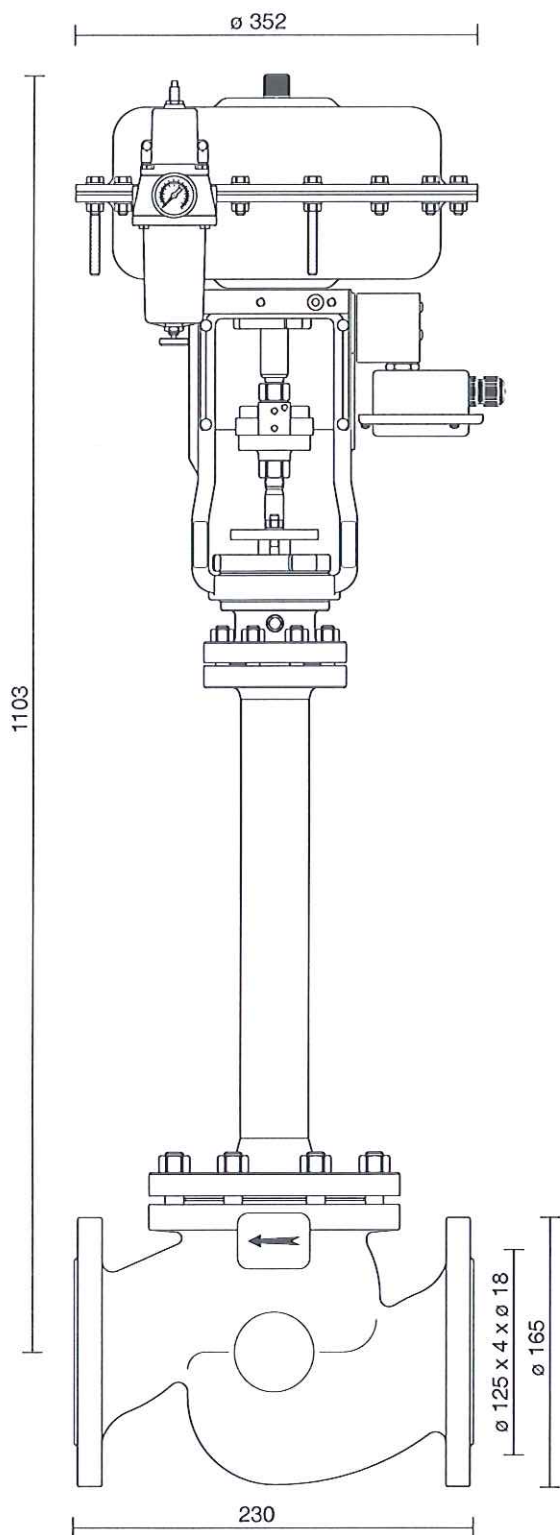
- with cold box hood

Total weight app. 24 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV73014

STAN 0425000-0, Pos. 14
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 502CVCOZA	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option
 Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 502
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY
 Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option
 Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2" NPT electr. connection

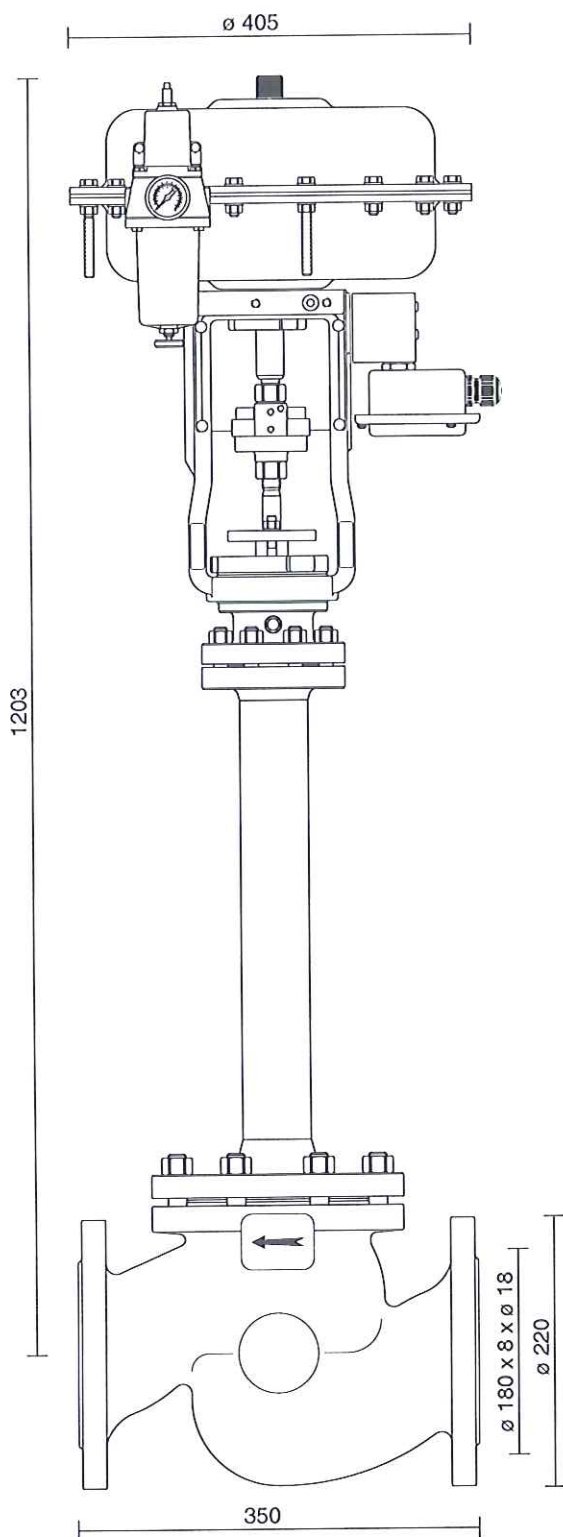
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 48 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV73110

STAN 0425000-0, Pos. 15
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 700
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2" NPT electr. connection

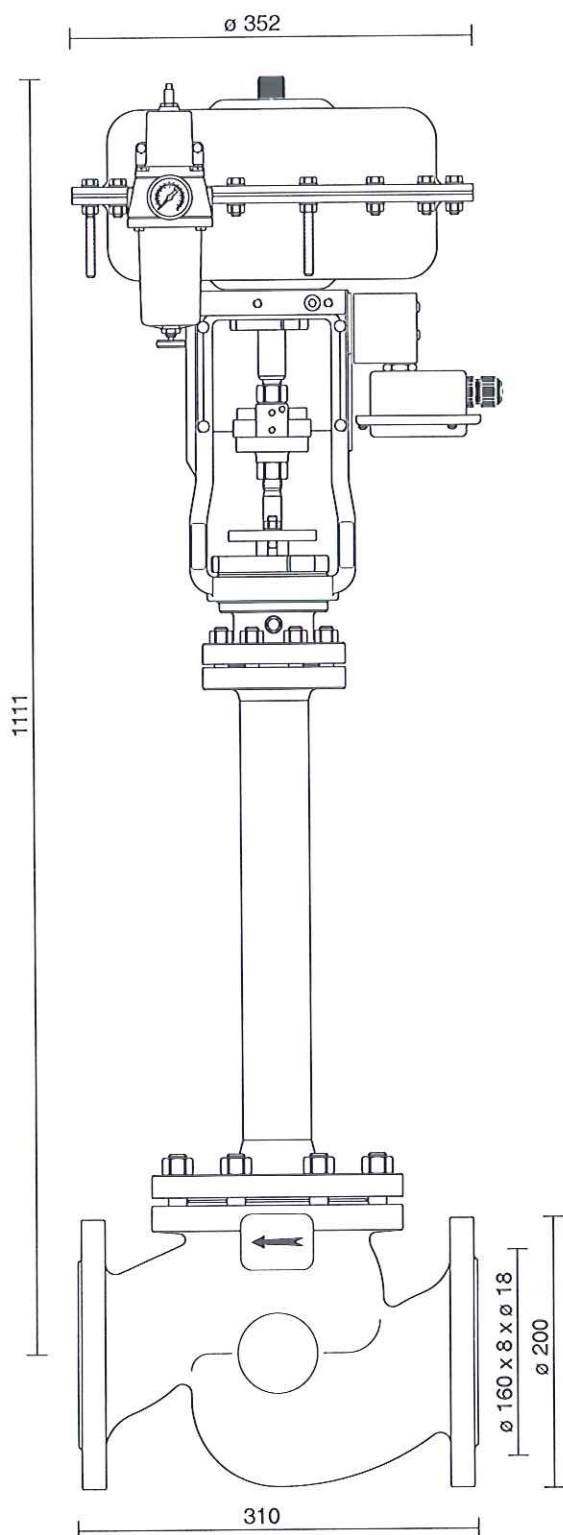
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 92 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV73150

STAN 0425000-0, Pos. 16
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option
 Oil & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 502
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option
 Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2"NPT electr. connection

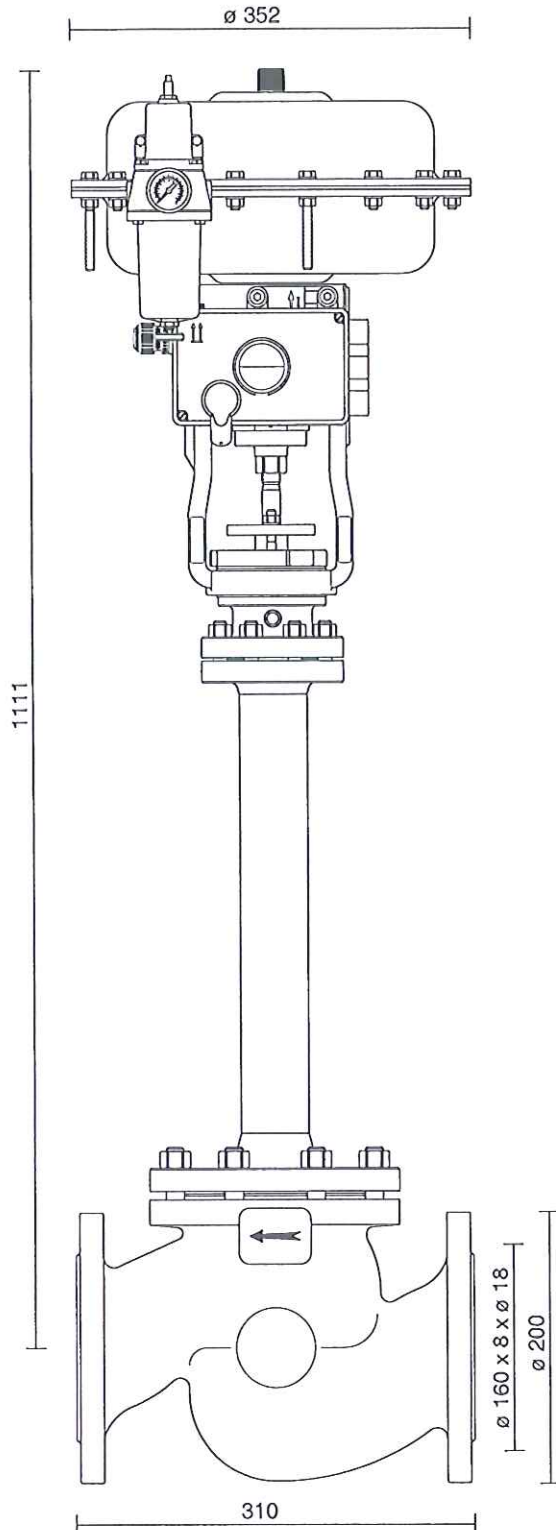
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 66 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV73170

STAN 0425000-0, Pos. 17
 31.01.2005
 ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZB	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option
 Oil & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 502
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
 type: SRD 991-BDNS7EA4NA+EBZG-E
 direct mounted
 protection class: II 2 G EEx ia IIC T4
 pneum. connection: backside with O-ring
 elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option
 Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection

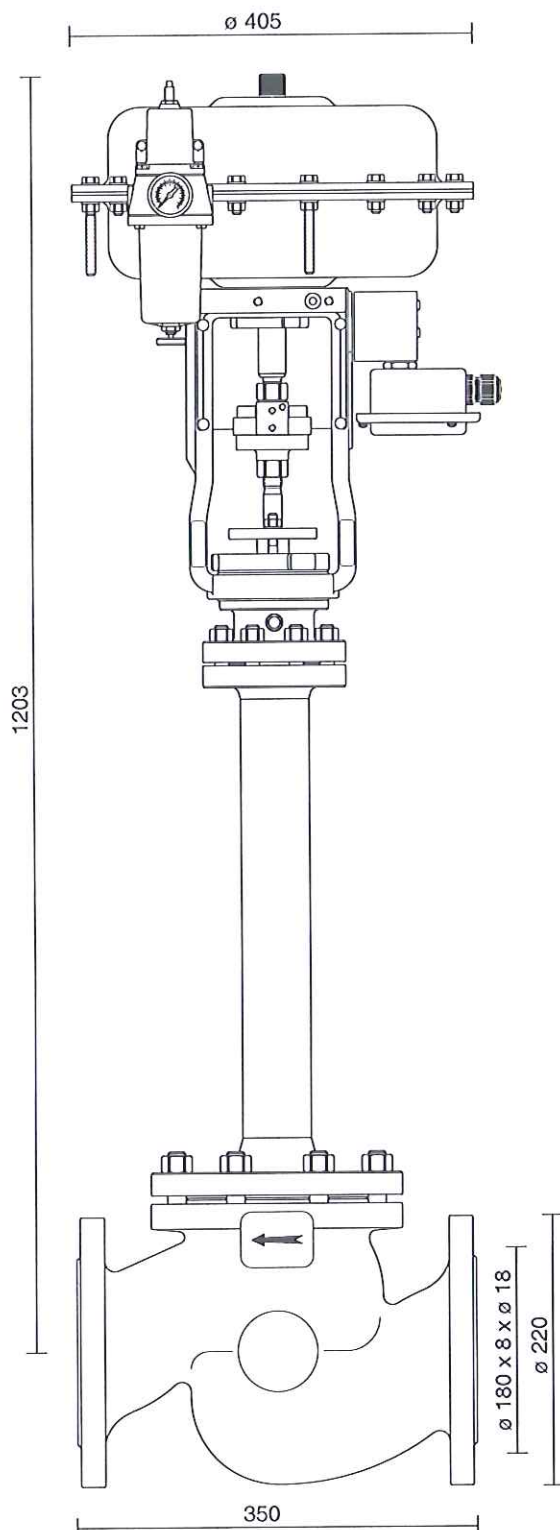
- positioner with LCD w/Menue language in English/Gerr
 code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapte
 to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic c:

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV73210

STAN 0425000-0, Pos. 18
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	100	16	1.4308/OBAB	POWT1LG	100	180	1.4571	IT 700CVCOZB	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 700
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2" NPT electr. connection

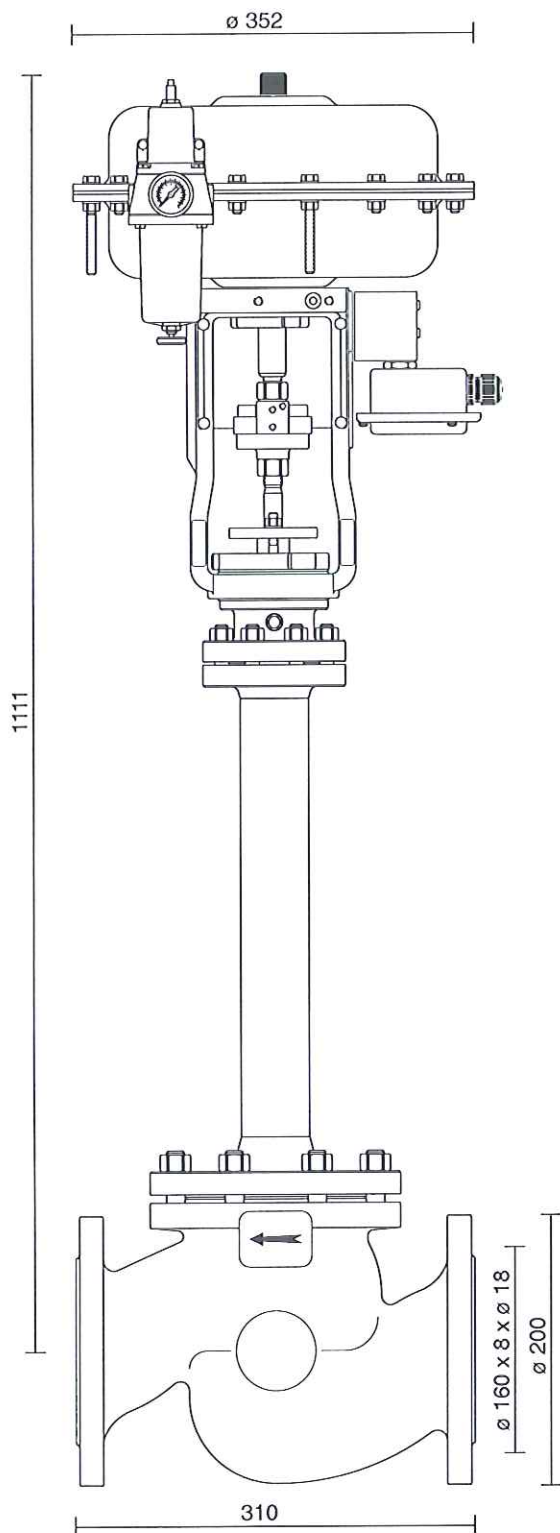
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 92 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV73250

STAN 0425000-0, Pos. 19
31.01.2005
ZenklD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

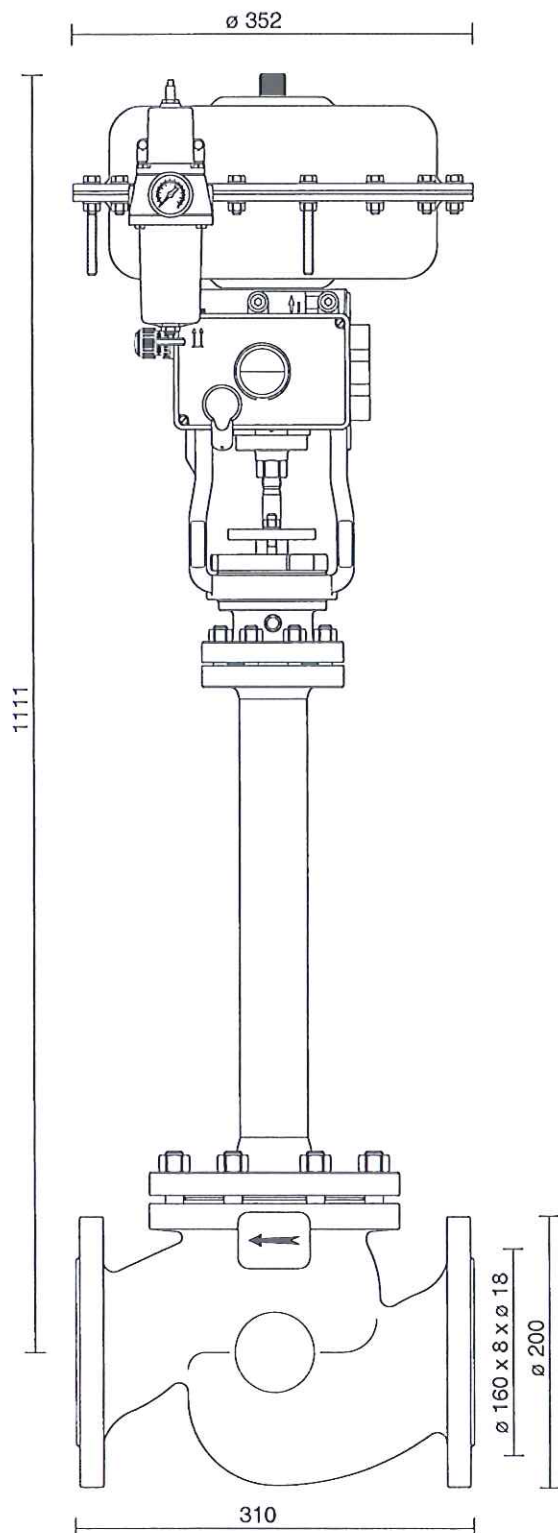
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 66 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV73270

STAN 0425000-0, Pos. 20
31.01.2005
ZenklD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Ol & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-E
direct mounted
protection class: II 2 G EEx ia IIC T4
pneum. connection: backside with O-ring
elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection

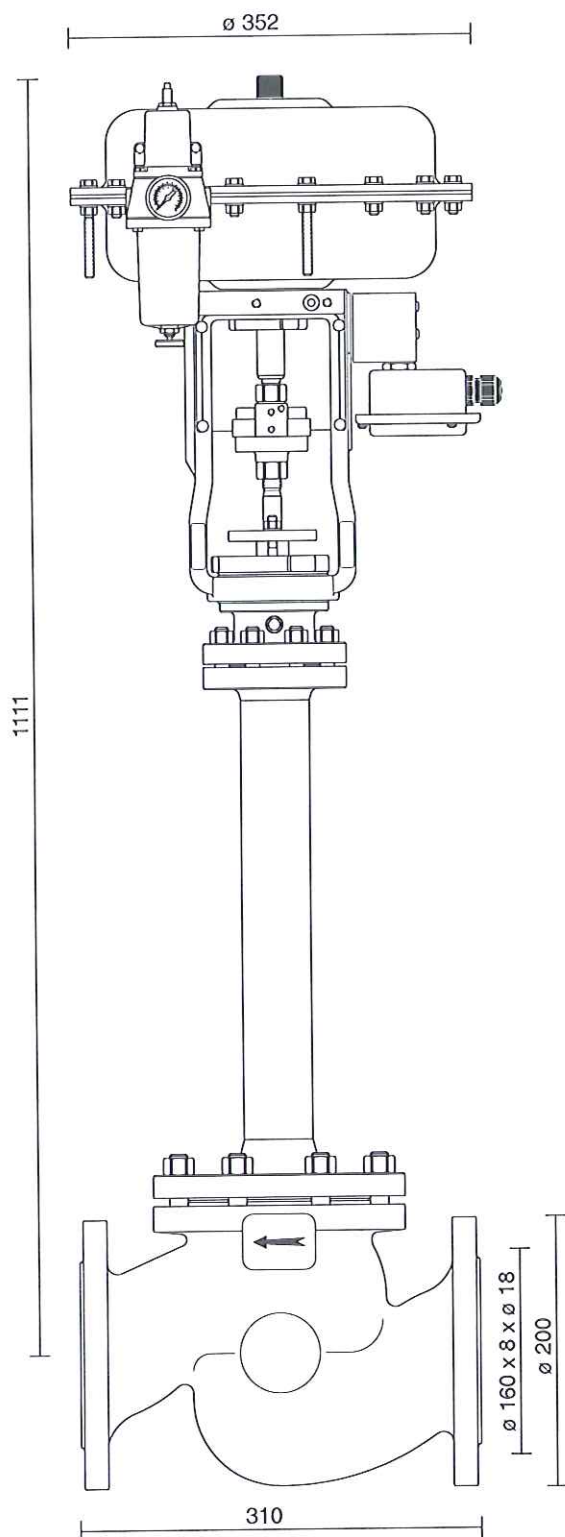
- positioner with LCD w/Menue language in English/Gern
code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapte
to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic c.

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV74110

STAN 0425000-0, Pos. 21
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB	



VALVE

Type:

V726 FLOWTOP-Single seat-control valve

Body:

Straight way, 3-flange

Connection type:

Flange, surface form C acc. to DIN 2526

Balance:

Not balanced

Bonnet

Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:

IT 502

Colour:

C Yellow

Manual operation:

without handwheel

failsafe position:

Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge

Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2" NPT electr. connection

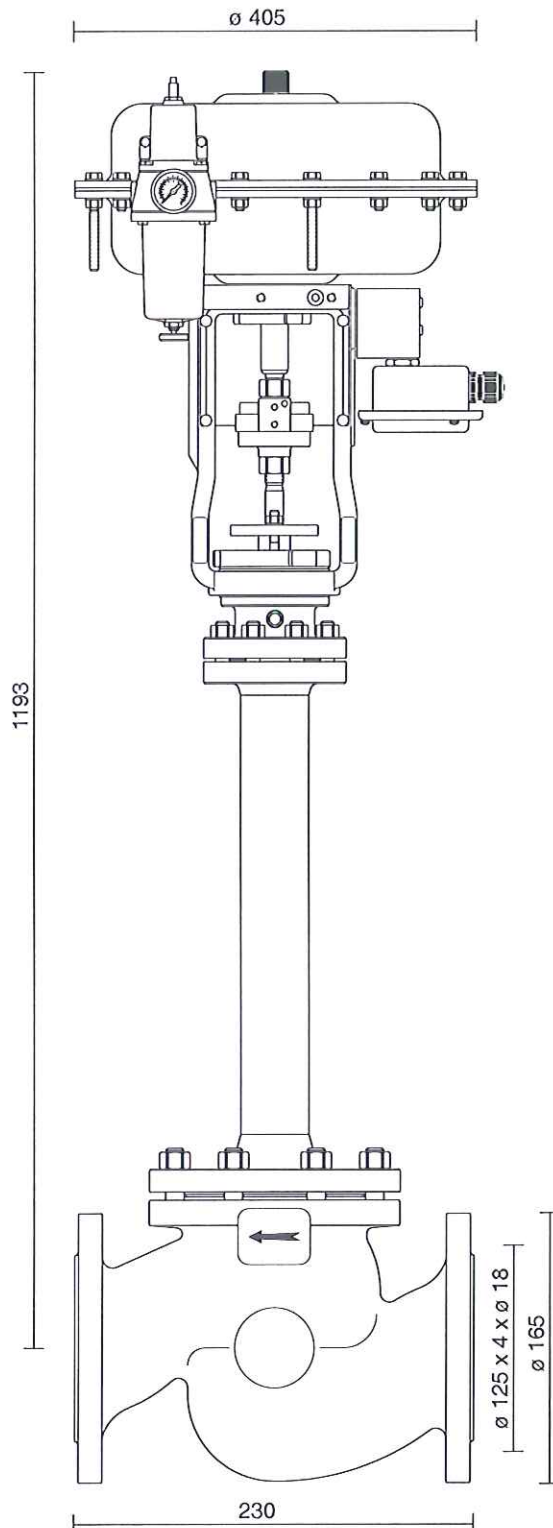
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 66 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV74150

STAN 0425000-0, Pos. 22
 31.01.2005
 ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 700CJCOZA	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 700
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

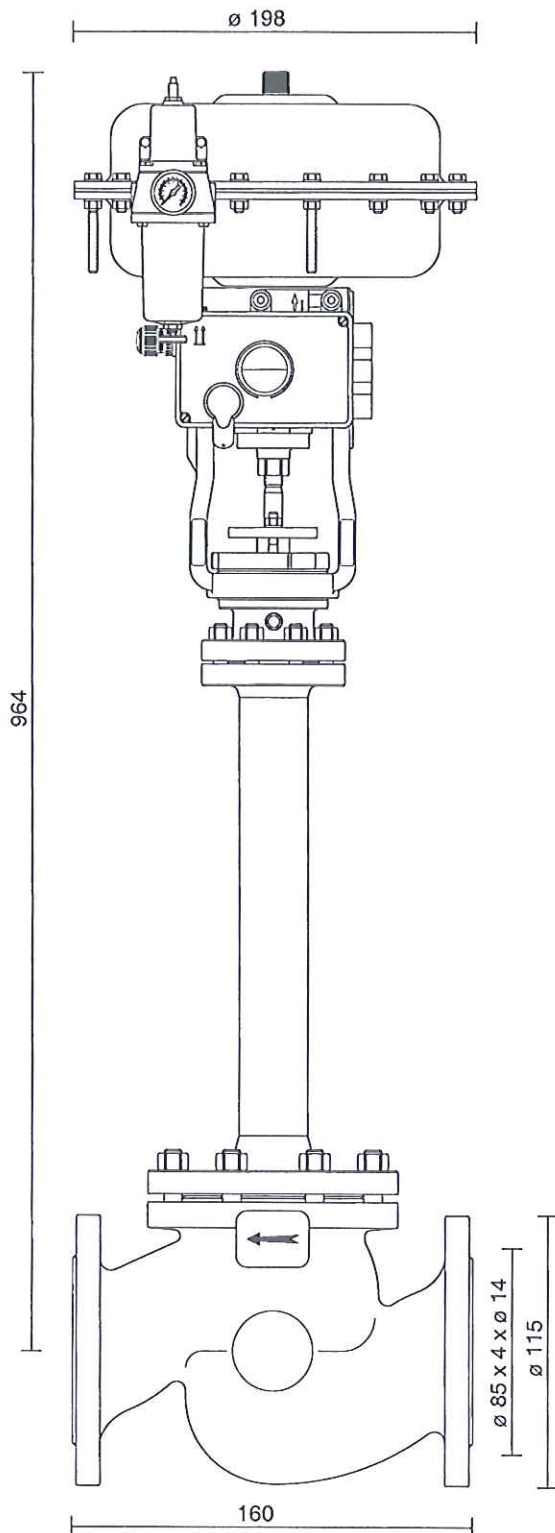
- HERION solenoid valve type 2401109.4260
 24VDC, IP66, EEx me II T4/T6, 3,9W
 with adapter from M20 to 1/2" NPT electr. connection
 - 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 59 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV74170

STAN 0425000-0, Pos. 23
 31.01.2005
 ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	12	4	1.4571	IT 127CDYOZA	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option
 Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 127
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
 type: SRD 991-BDNS7EA4NA+EBZG-E
 direct mounted
 protection class: II 2 G EEx ia IIC T4
 pneum. connection: backside with O-ring
 elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

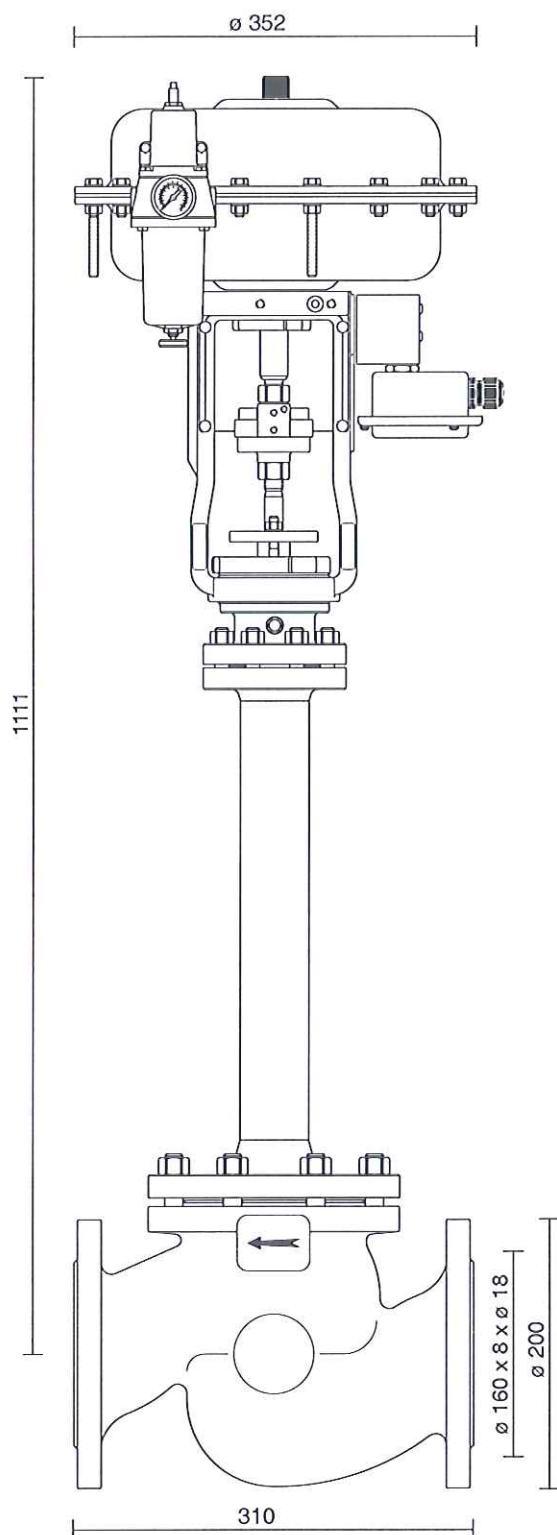
Option
 Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/Gern code "V01"
- positioner with cable entry " 6 " 1/2-14 NPT with adapte to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic ci

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV74210

STAN 0425000-0, Pos. 24
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	16	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CDYOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2"NPT electr. connection

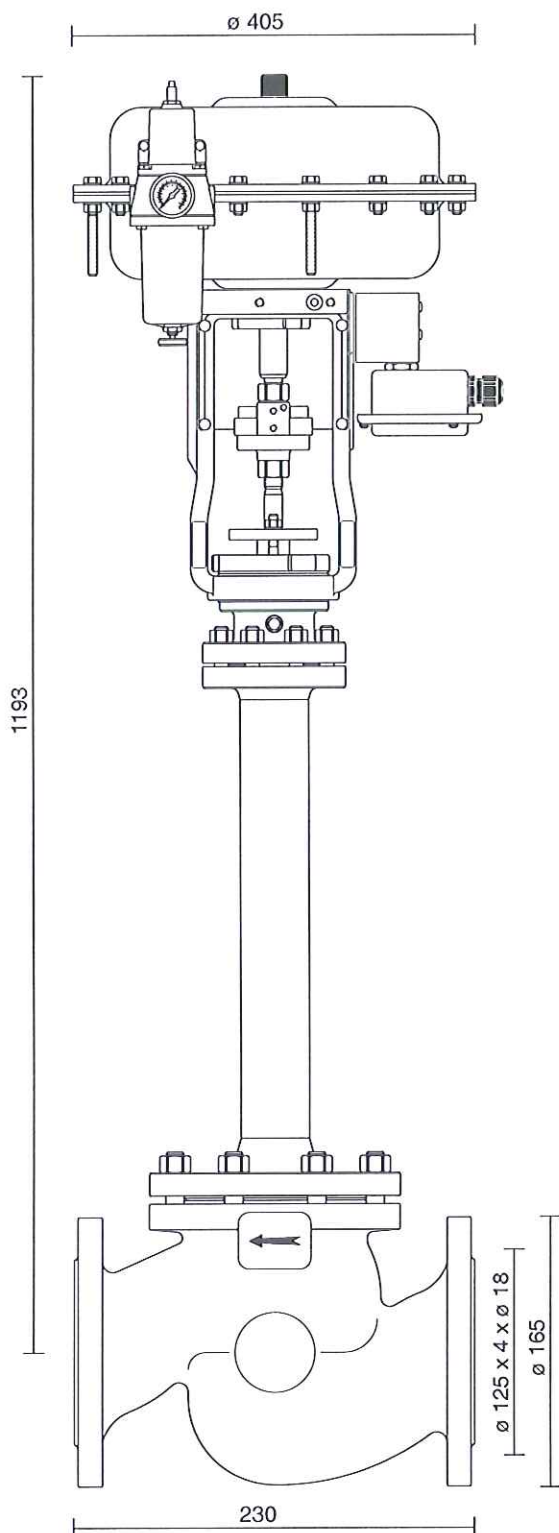
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 66 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: HV74250

STAN 0425000-0, Pos. 25
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	50	47,5	1.4571	IT 700CJCOZA	



VALVE

Type:

V726 FLOWTOP-Single seat-control valve

Body:

Straight way, 3-flange

Connection type:

Flange, surface form C acc. to DIN 2526

Balance:

Not balanced

Bonnet

Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P

incl. marking and with manufacturer certificate acc. point of MG-standard 06401

ACTUATOR

Actuator:

IT 700

Colour:

C Yellow

Manual operation:

without handwheel

failsafe position:

Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge

Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260

24VDC, IP66, EEx me II T4/T6, 3,9W

with adapter from M20 to 1/2" NPT electr. connection

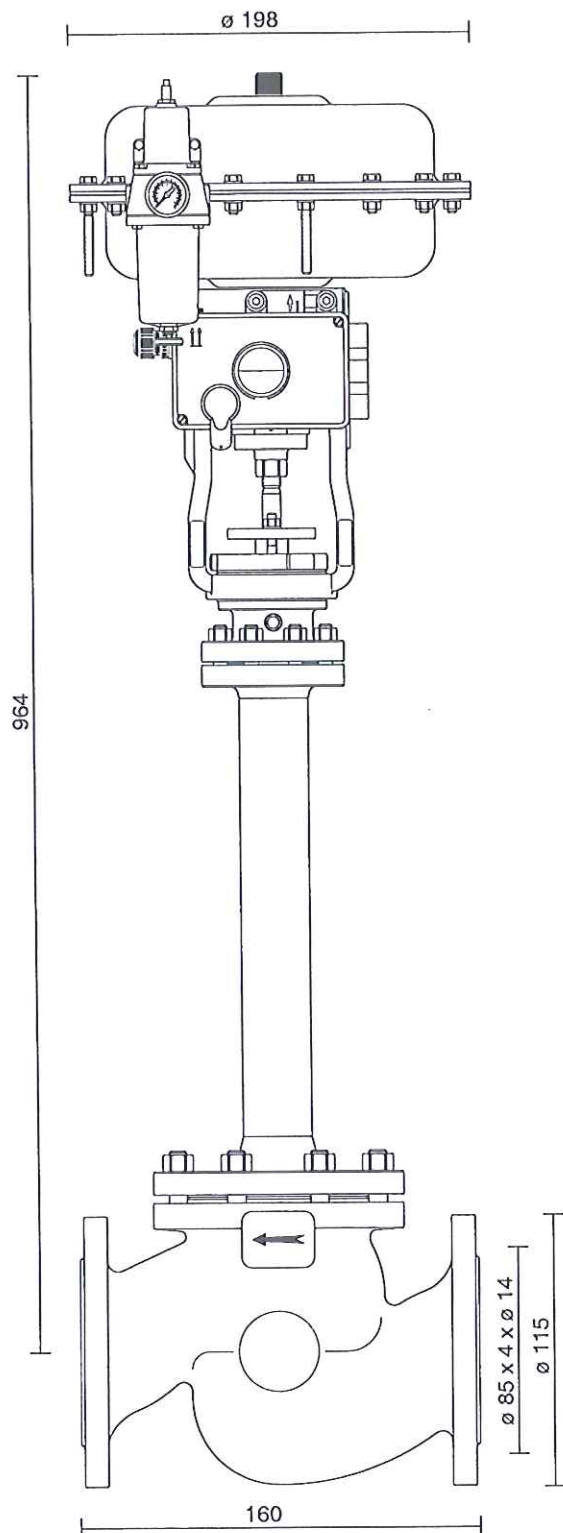
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 59 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: HV74270

STAN 0425000-0, Pos. 26
 31.01.2005
 ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	12	4	1.4571	IT 127CDYOZA	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option

Oil & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 127
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
 type: SRD 991-BDNS7EA4NA+EBZG-E
 direct mounted
 protection class: II 2 G EEx ia IIC T4
 pneum. connection: backside with O-ring
 elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection

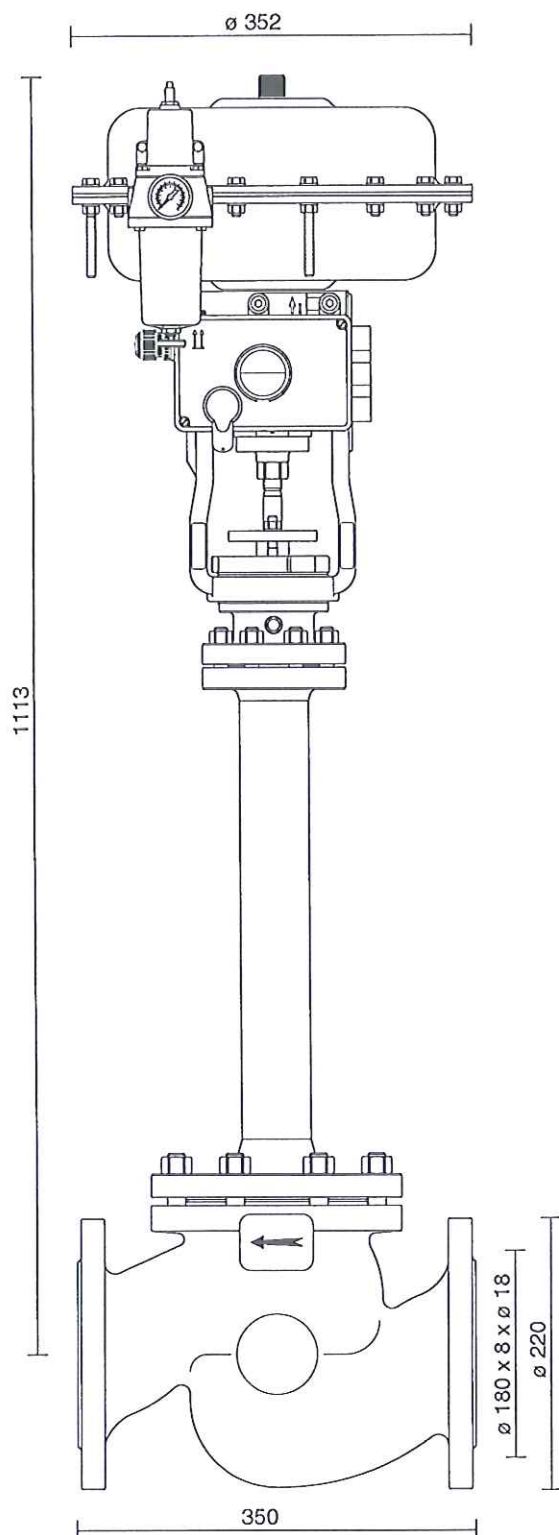
- positioner with LCD w/Menue language in English/Germ
 code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapter
 to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic cap

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: PV62005

STAN 0425000-0, Pos. 27
 31.01.2005
 ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	100	16	1.4308/OBAB	POWT1GG	84	160	1.4571	IT 502CDYOZB	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option
 Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 502
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
 type: SRD 991-BDNS7EA4NA+EBZG-E
 direct mounted
 protection class: II 2 G EEx ia IIC T4
 pneum. connection: backside with O-ring
 elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

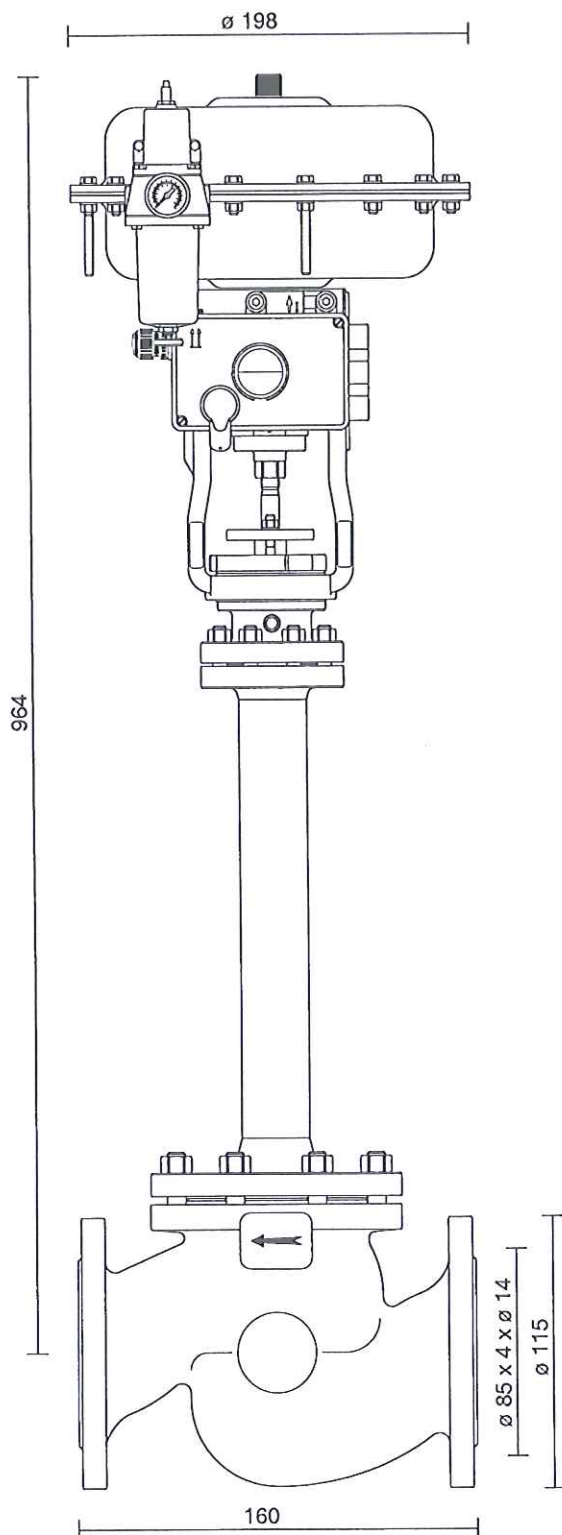
Option
 Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/Gerr code "V01"
- positioner with cable entry " 6 " 1/2-14 NPT with adapter to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic cap

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: PV62040

STAN 0425000-0, Pos. 28
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	8	1	1.4571	IT 127CDYOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 127
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-E
direct mounted
protection class: II 2 G EEx ia IIC T4
pneum. connection: backside with O-ring
elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

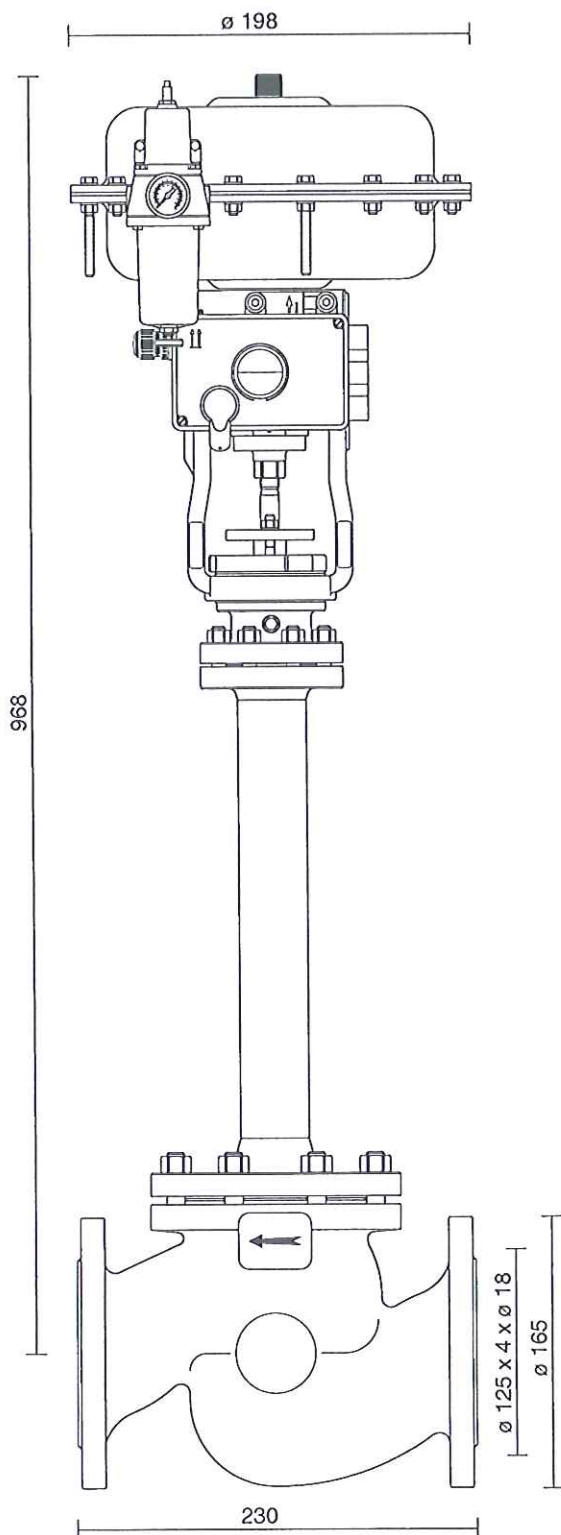
- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/Gern code "V01"
- positioner with cable entry " 6 " 1/2-14 NPT with adapte to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic c

Total weight app. 19 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: PV63033

STAN 0425000-0, Pos. 29
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1GG	25	16	1.4571	IT 127CDYOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option
OI & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 127
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-E
direct mounted
protection class: II 2 G EEx ia IIC T4
pneum. connection: backside with O-ring
elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

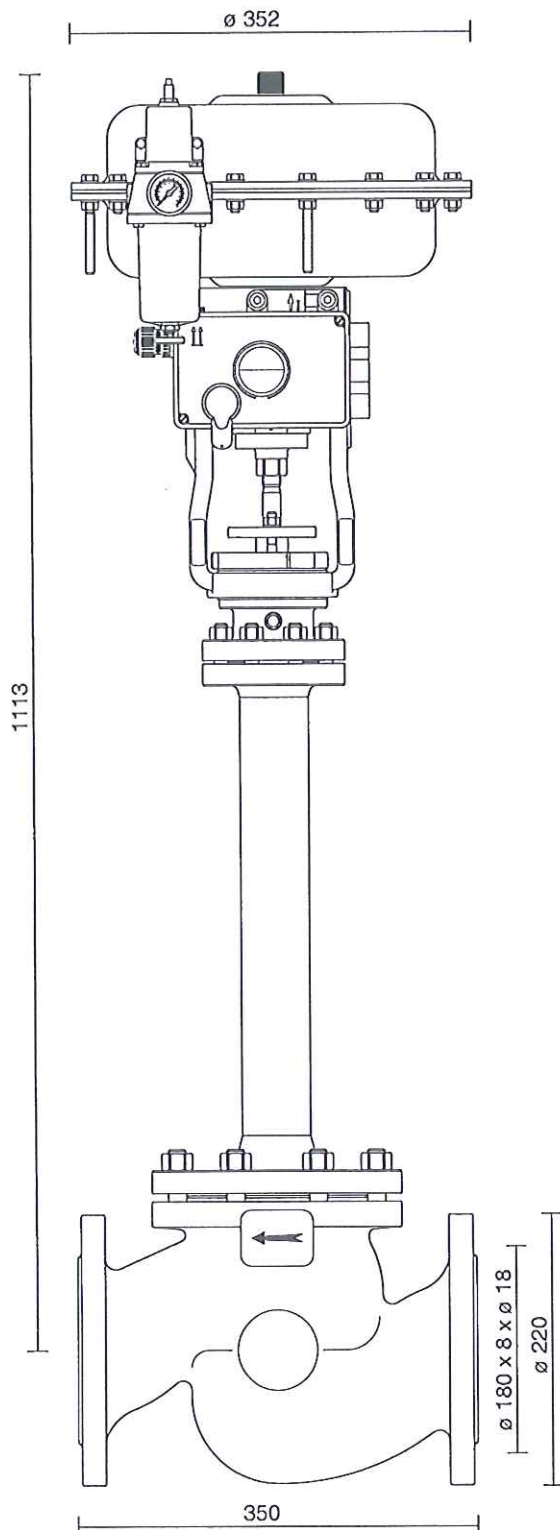
- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/Germ code "V01"
- positioner with cable entry " 6 " 1/2-14 NPT with adapte to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic c:

Total weight app. 28 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: PV72005

STAN 0425000-0, Pos. 30
 31.01.2005
 ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	100	16	1.4308/OBAB	POWT1GG	67	100	1.4571	IT 502CDYOZB	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option
 Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 502
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
 type: SRD 991-BDNS7EA4NA+EBZG-E
 direct mounted
 protection class: II 2 G EEx ia IIC T4
 pneum. connection: backside with O-ring
 elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option
 Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection

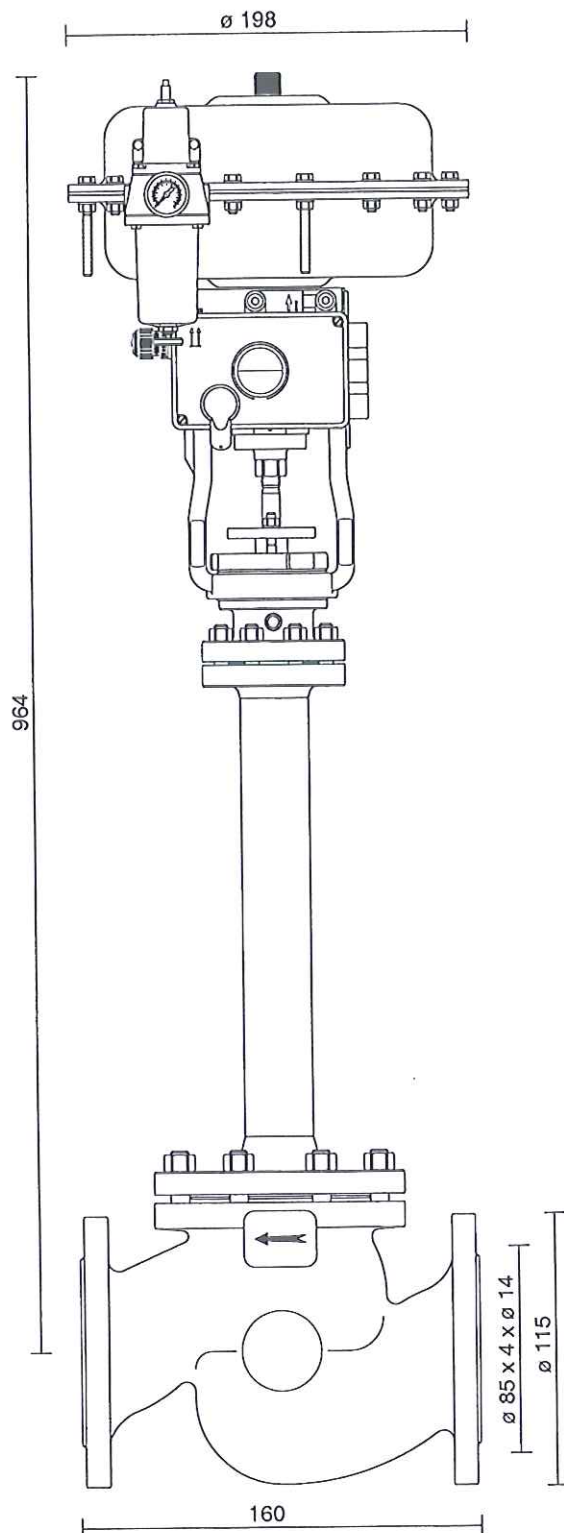
- positioner with LCD w/Menue language in English/Gerr
 code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapter
 to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic ca

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: PV72040

STAN 0425000-0, Pos. 31
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	8	1,6	1.4571	IT 127CDYOZA	



VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 IT 127
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
 type: SRD 991-BDNS7EA4NA+EBZG-E
 direct mounted
 protection class: II 2 G EEx ia IIC T4
 pneum. connection: backside with O-ring
 elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option

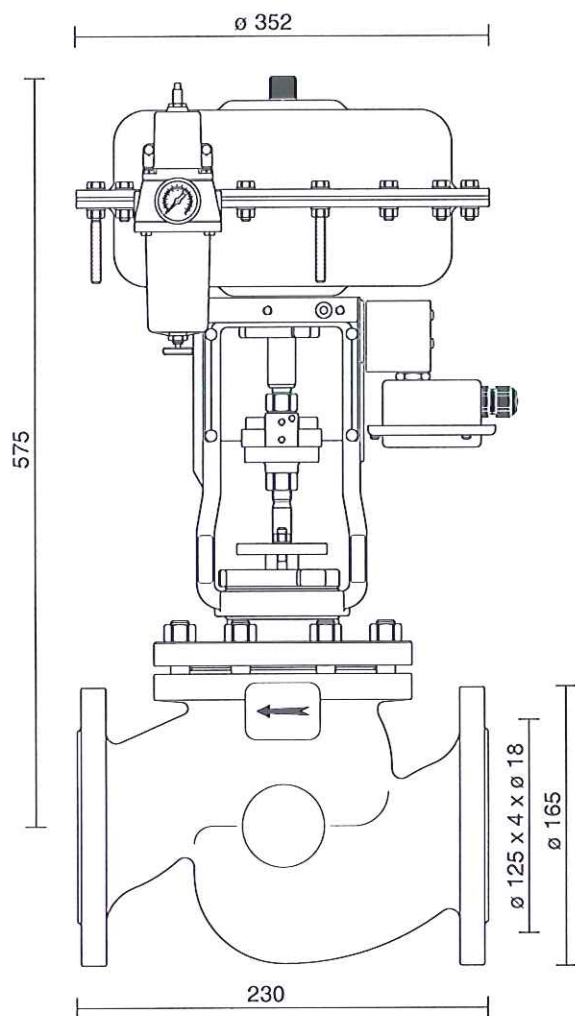
Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/Gern code "V01"
- positioner with cable entry " 6 " 1/2-14 NPT with adapte to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic c

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: PV73002

STAN 0425000-0, Pos. 32
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVNN	50	40	1.0619/OBAB	POWT1LG	50	47,5	1.4571	IT 502CVCOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Standard bonnet

Option
Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point 1
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY
Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option
Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2"NPT electr. connection

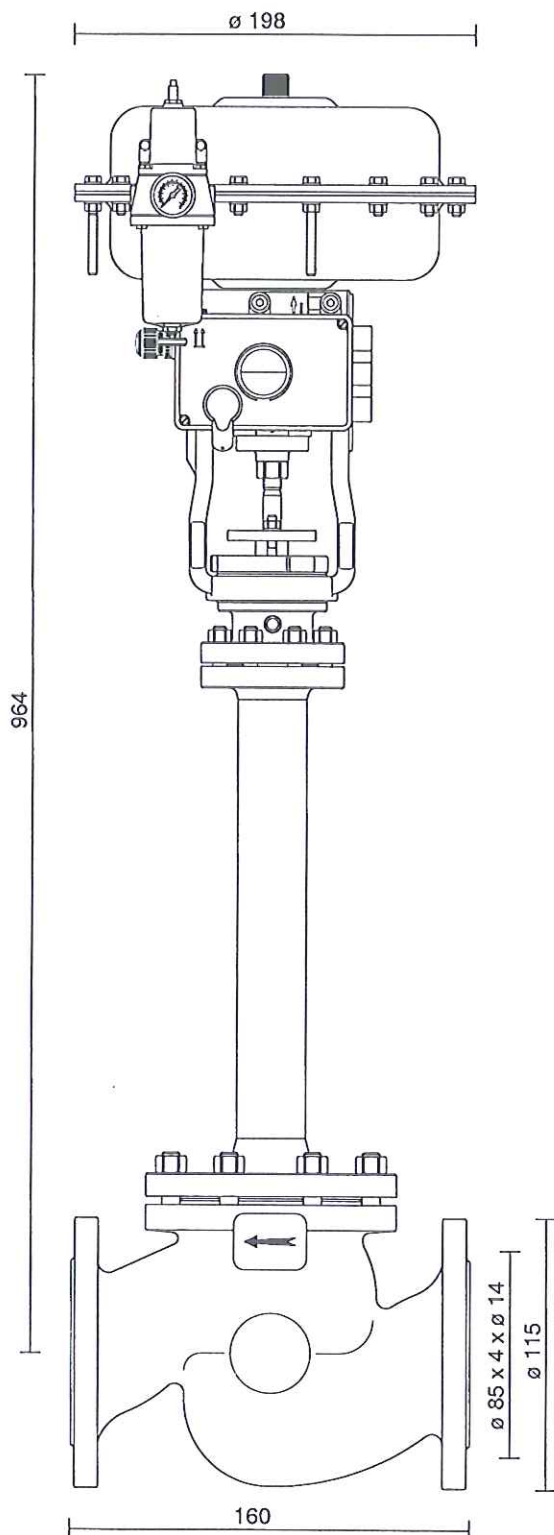
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 45 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: PV73005

STAN 0425000-0, Pos. 33
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	25	40	1.4308/OBAB	POWT1GG	20	10	1.4571	IT 127CVCOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option

Oil & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 127
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-E
direct mounted
protection class: II 2 G EEx ia IIC T4
pneum. connection: backside with O-ring
elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/Gern
code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapter
to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic c

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: PV73015

STAN 0425000-0, Pos. 34
31.01.2005
ZenklD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVNN	50	40	1.0619/OBAB	POWT1GG	42	40	1.4571	IT 502CDYOZA	

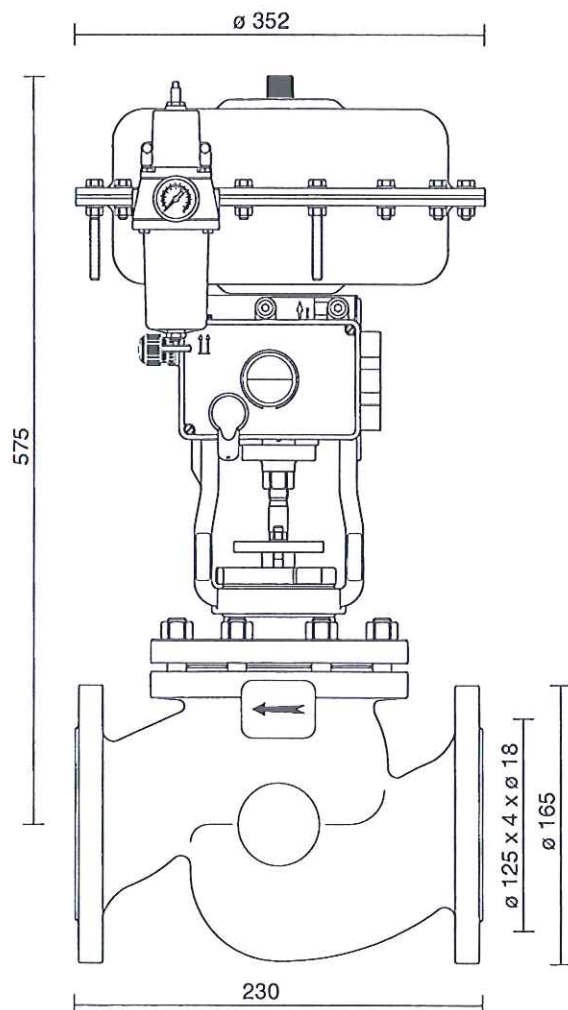
VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Standard bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point 1
of MG-standard 06401



ACTUATOR

Actuator:
IT 502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-E
direct mounted
protection class: II 2 G EEx ia IIC T4
pneum. connection: backside with O-ring
elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- 1/4" ANSI tubing with Swagelok screwed connection

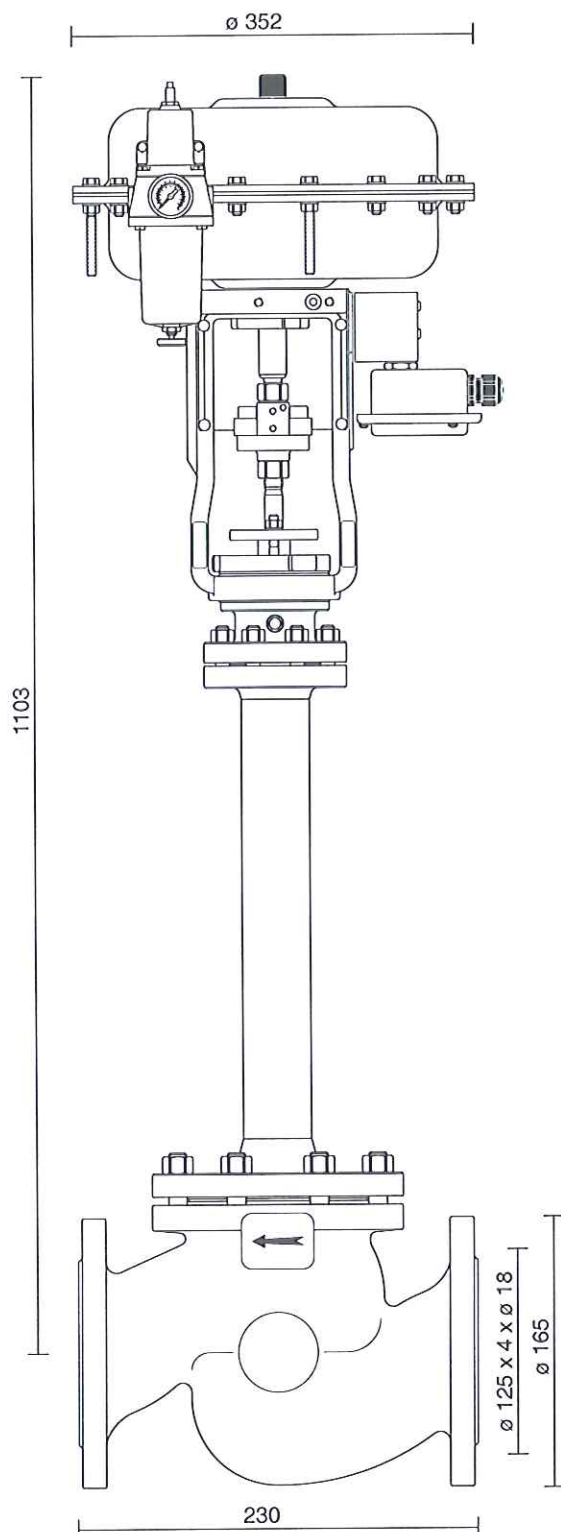
- positioner with LCD w/Menue language in English/Germ
code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapter
to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic ca

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: PV73016

STAN 0425000-0, Pos. 35
31.01.2005
ZenklD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	50	40	1.4308/OBAB	POWT1LG	42	40	1.4571	IT 502CVCOZA	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
IT 502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

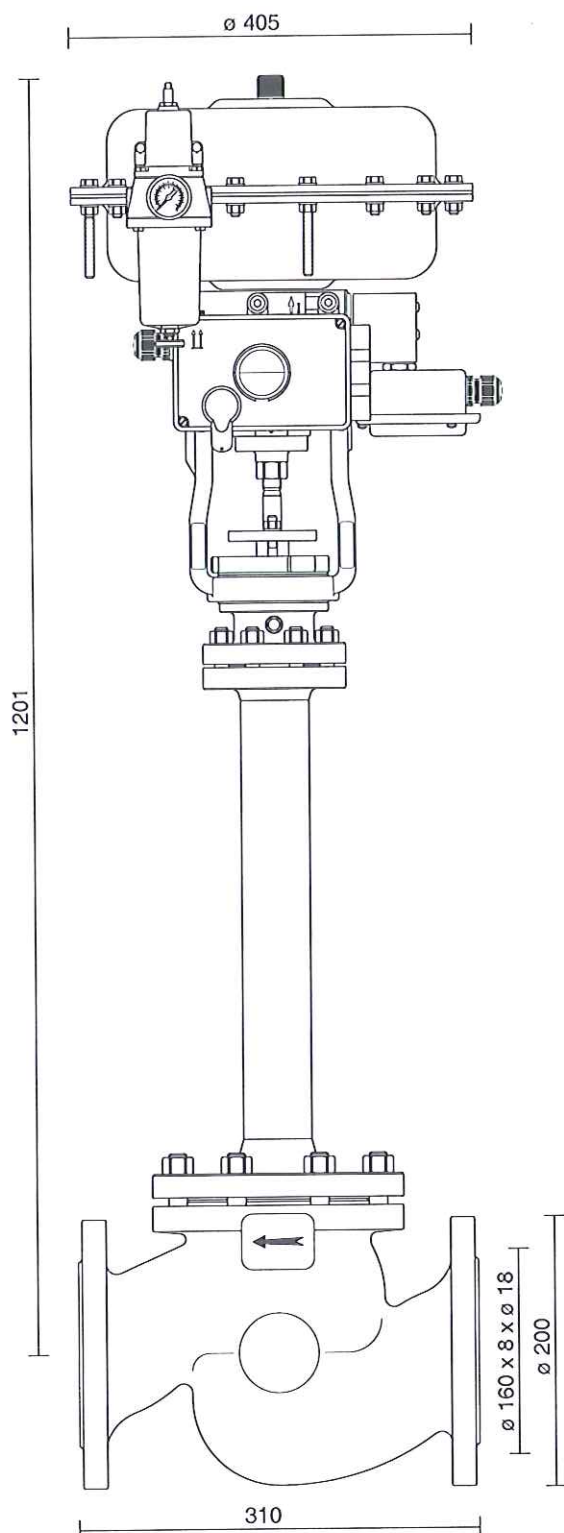
- 1/4" ANSI tubing with Swagelok screwed connection

Total weight app. 48 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: PV73101

STAN 0425000-0, Pos. 36
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	IT 700CVCOZB	



VALVE

Type:

V726 FLOWTOP-Single seat-control valve

Body:

Straight way, 3-flange

Connection type:

Flange, surface form C acc. to DIN 2526

Balance:

Not balanced

Bonnet

Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:

IT 700

Colour:

C Yellow

Manual operation:

without handwheel

failsafe position:

Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt

type: SRD 991-BDNS7EA4NA+EBZG-E

direct mounted

protection class: II 2 G EEx ia IIC T4

pneum. connection: backside with O-ring

elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge

Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with adapter from M20 to 1/2" NPT electr. connection

- 1/4" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French
code "V01"

- positioner with cable entry "6" 1/2-14 NPT with adapters M20x1,5
to 1/2-14 NPT instead of "7" M20x1,5 with one plastic cable gland

Total weight app. 77 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: TV64181

STAN 0425000-0, Pos. 37
31.01.2005
ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVRO	125	40	1.0619/OBAB	PKKP1GG	84	140	1.4571	PB 1502CVCOZC	

VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Extension bonnet

Option
Oil & Fettfrei:

- oil- and greaseless T007 - Code P
incl. marking and with manufacturer certificate acc. point
of MG-standard 06401

ACTUATOR

Actuator:
PB 1502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt
type: SRD 991-BDNS7EA4NA+EBZG-H
protection class: II 2 G EEx ia IIC T4
pneum. connection: 1/4" - 18 NPT
elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

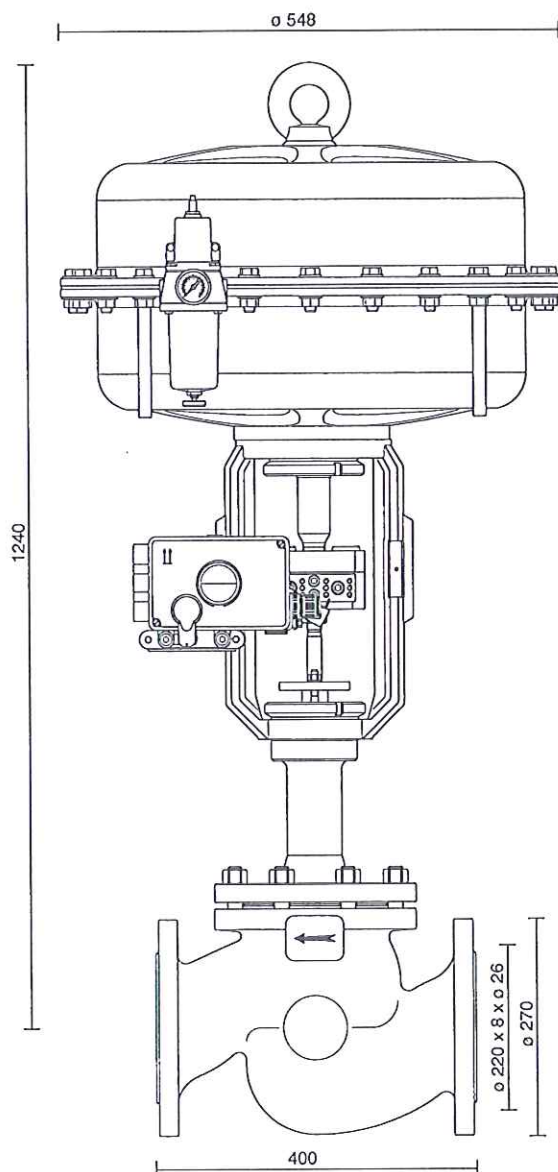
Option
Sonderzubehör:

- 1/2" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/Germ
code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapter
to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic ca

with booster VSR 60



Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: TV73081

STAN 0425000-0, Pos. 38
 31.01.2005
 ZenKID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVRO	125	40	1.0619/OBAB	PKKP1GG	84	140	1.4571	PB 1502CVCOZC	

VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 3-flange
 Connection type:
 Flange, surface form C acc. to DIN 2526
 Balance:
 Not balanced
 Bonnet
 Extension bonnet

Option
 Öl & Fettfrei:

- oil- and greaseless T007 - Code P
 incl. marking and with manufacturer certificate acc. point
 of MG-standard 06401

ACTUATOR

Actuator:
 PB 1502
 Colour:
 C Yellow
 Manual operation:
 without handwheel
 failsafe position:
 Z at air failure close

ACCESSORY

El. Pneum. Positioner:

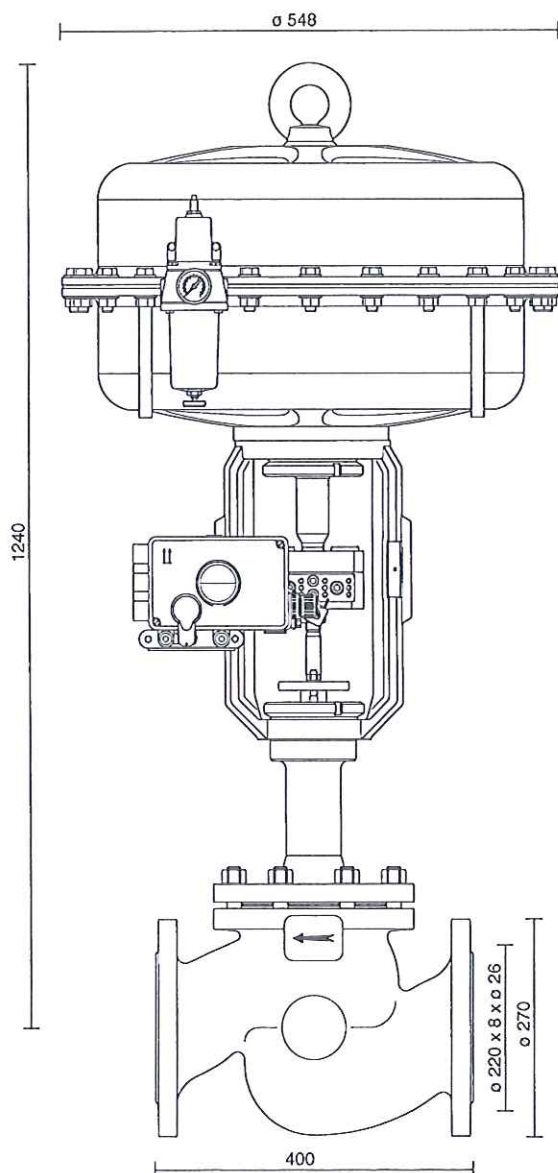
Fab. Foxboro Eckardt
 type: SRD 991-BDNS7EA4NA+EBZG-H
 protection class: II 2 G EEx ia IIC T4
 pneum. connection: 1/4" - 18 NPT
 elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge
 Pneum. connections :1/4"-18 NPT

Option
 Sonderzubehör:

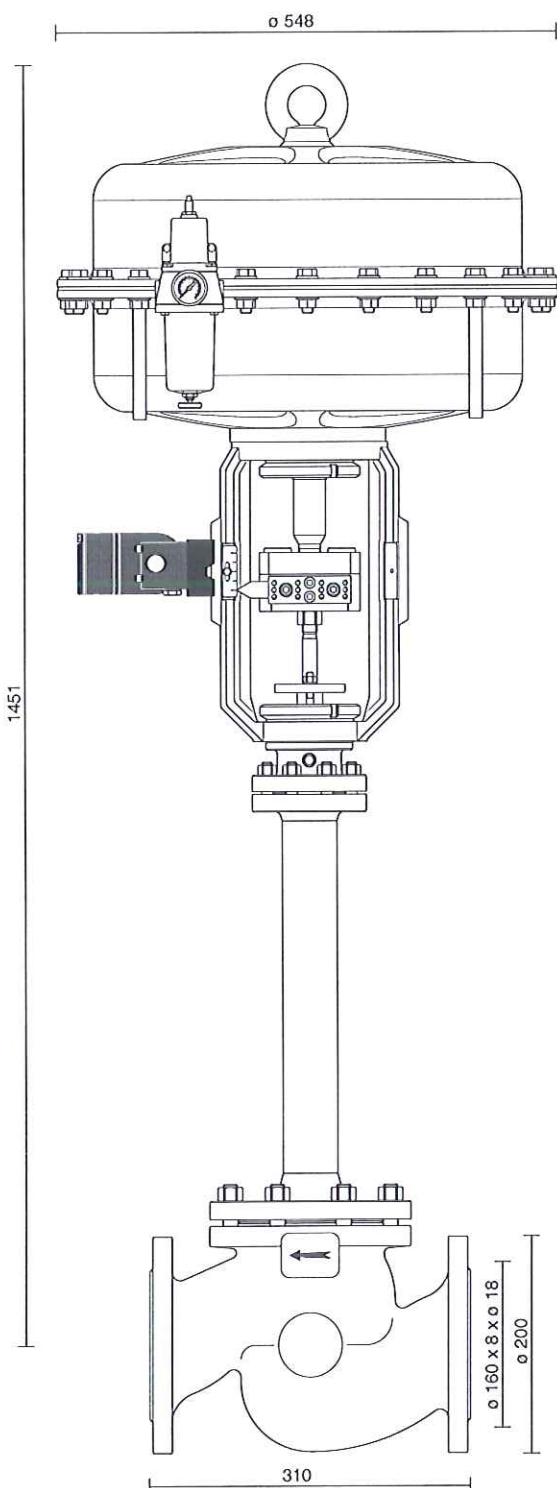
- 1/2" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/Germ code "V01"
- positioner with cable entry " 6 " 1/2-14 NPT with adapter to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic ca with booster VSR 60



Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: UV64010

STAN 0425000-0, Pos. 39
31.01.2005
ZenklD

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB	



VALVE

Type:
V726 FLOWTOP-Single seat-control valve
Body:
Straight way, 3-flange
Connection type:
Flange, surface form C acc. to DIN 2526
Balance:
Not balanced
Bonnet
Insulating bonnet
Option
Öl & Fettfrei:

- oil- and greaseless for oxygen T007 - Code O
incl. marking and with manufacturer certificate acc. point 11
of MG-standard 06401

Spezifikationen:

The valves offered in the attached quotation are suitable for
use in safety related systems
up to SIL 4 according to IEC 61508 in accordance with TÜV
test report No. V 56 2004 T1.

The suitability of additional mounted safety related components
e.g. solenoid valve, positioner can
be reviewed in the corresponding documents and test reports.

- Valve according to SIL 3

ACTUATOR

Actuator:
PB 1502
Colour:
C Yellow
Manual operation:
without handwheel
failsafe position:
Z at air failure close

ACCESSORY

El. Pneum. Positioner:
Fab. Foxboro Eckardt
type: SRD 991-BDMS7EA4NA+EBZG-H
protection class: II 2 G EEx ia IIC T4
pneum. connection: 1/4" - 18 NPT
elec. connection: M 20x1,5 cable diameter 6 to 12mm
Filterregulator:
FRS 923-2SK with 1 gauge
Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

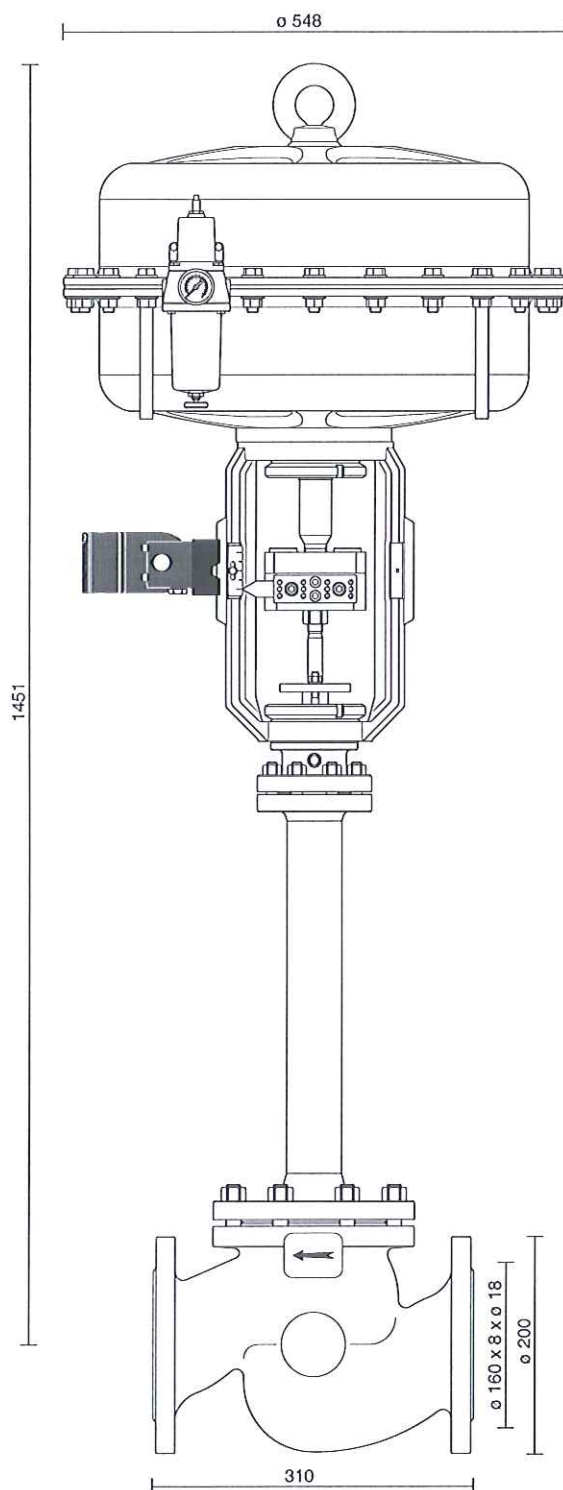
- HERION solenoid valve type 2401109.4260
24VDC, IP66, EEx me II T4/T6, 3,9W
with TÜV approval up to AK7 /SIL4
with adapter from M20 to 1/2" NPT electr. connection
- 1/2" ANSI tubing with Swagelok screwed connection
- positioner with LCD w/Menue language in English/German/French
code "V01"
- positioner with cable entry " 6 " 1/2-14 NPT with adapters M20x1,5
to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic cable gland
with booster VSR 60

Total weight app. 166,5 kg

Project: ASU No.9 KOSICE
Project Nr: 4500024065
TAG-Nr.: UV73010

STAN 0425000-0, Pos. 40
31.01.2005
Zenkid

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	80	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB	



VALVE

Type:

V726 FLOWTOP-Single seat-control valve

Body:

Straight way, 3-flange

Connection type:

Flange, surface form C acc. to DIN 2526

Balance:

Not balanced

Bonnet

Insulating bonnet

Option

Oil & Fettfrei:

- oil- and greaseless T007 - Code P

incl. marking and with manufacturer certificate acc. point 11 of MG-standard 06401

Spezifikationen:

The valves offered in the attached quotation are suitable for use in safety related systems

up to SIL 4 according to IEC 61508 in accordance with TÜV test report No. V 56 2004 T1.

The suitability of additional mounted safety related components e.g. solenoid valve, positioner can be reviewed in the corresponding documents and test reports.

- Valve according to SIL 3

ACTUATOR

Actuator:

PB 1502

Colour:

C Yellow

Manual operation:

without handwheel

failsafe position:

Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt

type: SRD 991-BDNS7EA4NA+EBZG-H

protection class: II 2 G EEx ia IIC T4

pneum. connection: 1/4" - 18 NPT

elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge

Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260

24VDC, IP66, EEx me II T4/T6, 3,9W

with TÜV approval up to AK7 /SIL4

with adapter from M20 to 1/2" NPT electr. connection

- 1/2" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French code "V01"

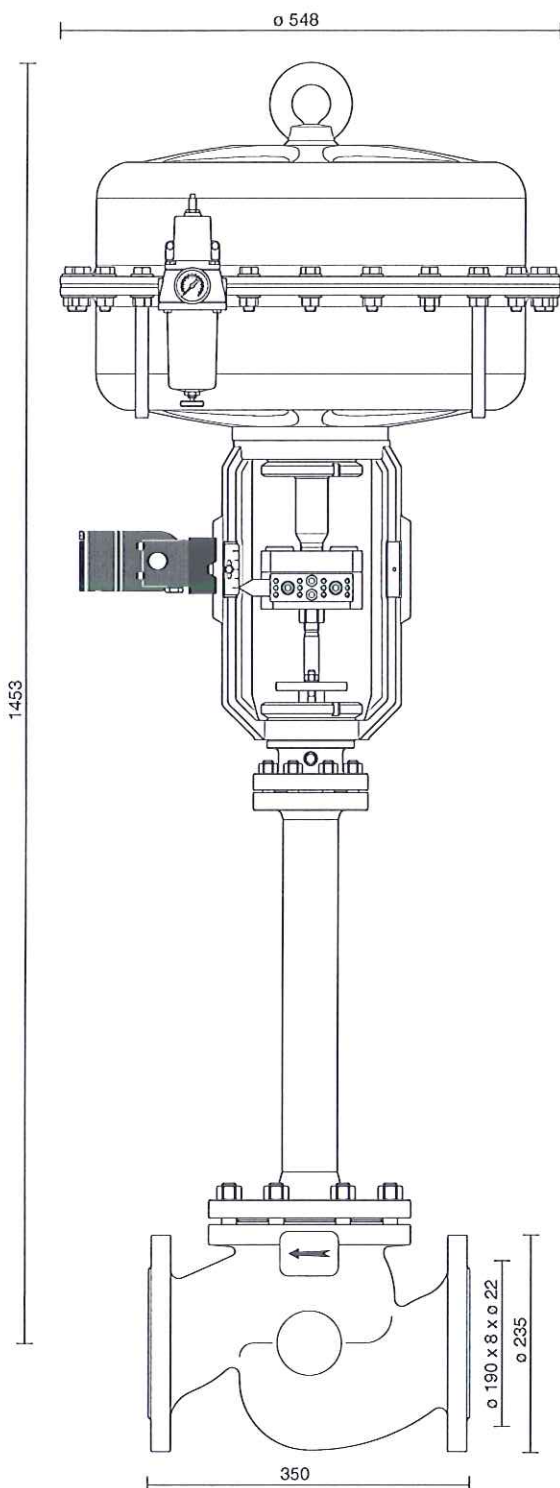
- positioner with cable entry " 6 " 1/2-14 NPT with adapters M20x1,5 to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic cable gland with booster VSR 60

Total weight app. 166,5 kg

Project: ASU No.9 KOSICE
 Project Nr: 4500024065
 TAG-Nr.: UV74090

STAN 0425000-0, Pos. 41
 31.01.2005
 ZenkID

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 DCVIN	100	40	1.4308/OBAB	POWT1GG	67	100	1.4571	PB 1502CVCOZB	



VALVE

Type:

V726 FLOWTOP-Single seat-control valve

Body:

Straight way, 3-flange

Connection type:

Flange, surface form C acc. to DIN 2526

Balance:

Not balanced

Bonnet

Insulating bonnet

Option

Öl & Fettfrei:

- oil- and greaseless T007 - Code P

incl. marking and with manufacturer certificate acc. point 11 of MG-standard 06401

Spezifikationen:

The valves offered in the attached quotation are suitable for use in safety related systems up to SIL 4 according to IEC 61508 in accordance with TÜV test report No. V 56 2004 T1.

The suitability of additional mounted safety related components e.g. solenoid valve, positioner can

be reviewed in the corresponding documents and test reports.

- Valve according to SIL 3

ACTUATOR

Actuator:

PB 1502

Colour:

C Yellow

Manual operation:

without handwheel

failsafe position:

Z at air failure close

ACCESSORY

El. Pneum. Positioner:

Fab. Foxboro Eckardt

type: SRD 991-BDNS7EA4NA+EBZG-H

protection class: II 2 G EEx ia IIC T4

pneum. connection: 1/4" - 18 NPT

elec. connection: M 20x1,5 cable diameter 6 to 12mm

Filterregulator:

FRS 923-2SK with 1 gauge

Pneum. connections :1/4"-18 NPT

Option

Sonderzubehör:

- HERION solenoid valve type 2401109.4260

24VDC, IP66, EEx me II T4/T6, 3,9W

with TÜV approval up to AK7 /SIL4

with adapter from M20 to 1/2" NPT electr. connection

- 1/2" ANSI tubing with Swagelok screwed connection

- positioner with LCD w/Menue language in English/German/French code "V01"

- positioner with cable entry " 6 " 1/2-14 NPT with adapters M20x1,5 to 1/2-14 NPT instead of " 7 " M20x1,5 with one plastic cable gland with booster VSR 60

Total weight app. 181,5 kg