

Pos.-No.
TAG-no.

4
FV 20011

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator
V726 VKONN	250	40	1.4581/O B A B	PO XQ2GG	200	600	2.4360	PB 1502C VOZD

1 Pc.

Control valve DN 250, PN 40

Type	V726 FLOWTOP Single seat-control valve
Body	V Straight way, 4-flange
Connection type	K Flange, surface form B1 acc. to EN 1092-1
Balance	O Balanced with V-rings
Bonnet	N Standard bonnet
Stuffing box packing	N PTFE rings, self adjusting
Body material no.	1.4581
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	P Parabolic plug
Construction	X Soft seat (PTFE) with metallic stop
Trim equipment	O Without additional trim equipment
Plug guiding	2 Top and bottom guided
Characteristic	G Modified equal percentage
Flow direction	G Pressure opens the plug
Seat	200 mm
kvs-value	600 m3/h
Stroke	80 mm
Leakage rate	Q CLASS IV-S1 IEC/FCI
Trim material no.	2.4360
Max. diff. pressure	40 bar
Nec. force	7630 N
Actuator	PB 1502
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-H, Electro-pneumatic positioner, NAMUR mounted, Explosion proof II 2 G EEx ia IIC T4
Input signal	4 (Close) - 20 (Open) mA
Solenoid valve	Fab. Herion, type 2401109.4260, 24 V DC, NAMUR mounted, Explosion proof II 2 G EEx me IIC T4/T6
At current failure	Actuator exhausted
Filterregulator	FRS 923-2SK with 1 gauge
Booster relay	Booster relay, Type VSR 60
Tubing	CrNi-steel
Screwed connection	CrNi-steel
Dimension	12 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

- 1/2" ANSI tubing with Swagelok screwed connection

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

Solenoid valve with vent plug Typ Seitz, IP65, G1/4"

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

Project:
 Project Nr: 4500024947
 TAG-Nr.: FV 20011

STAN 0521337-0, Pos. 4
 13.04.2005
 RappnikS

Type	DN	PN/CI	Body	Plug	Seat	kvs/cv	Trim	Actuator	S
V726 VKONN	250	40	1.4581/O BA B	PO XQ2GG	200	600	2.4360	PB 1502C VOZD	

VALVE

Type:
 V726 FLOWTOP-Single seat-control valve
 Body:
 Straight way, 4-flange
 Connection type:
 Flange, surface form B1 acc. to EN 1092-1
 Balance:
 Balanced with V-rings
 Bonnet
 Standard 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
 up to SIL 4 according to IEC 61508 in accordance with TÜV
 The suitability of additional mounted safety related compone
 be reviewed in the corresponding documents and test report

- Valve according to SIL 3

ACTUATOR

Actuator:
 PB 1502
 Colour:

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

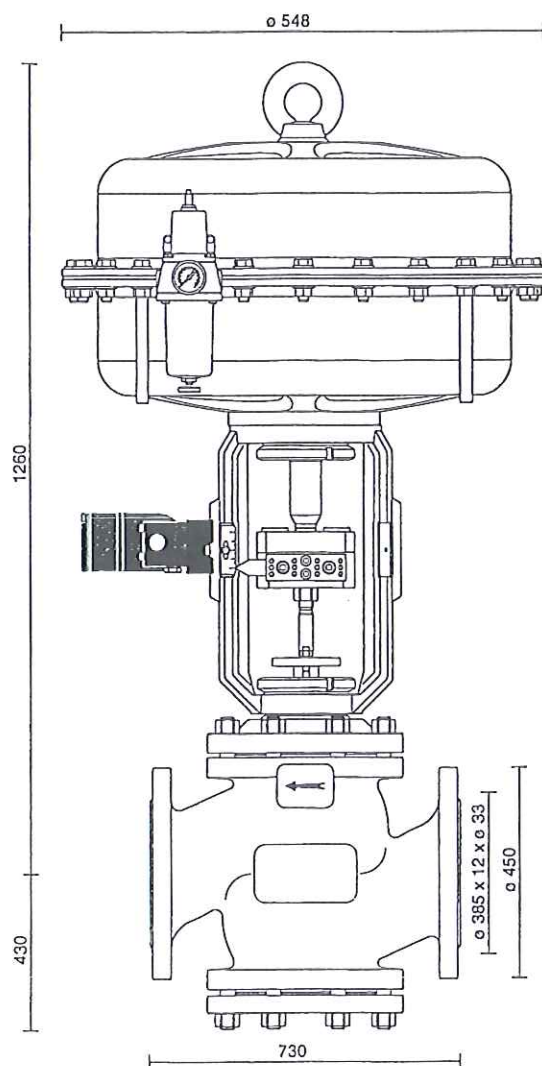
Solenoid valve:

Fab. Herion
 type: 2401109.4260, NAMUR mounted
 voltages: 24 V DC,
 protection class: II 2 G EEx me IIC T4/T6

Filterregulator:

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

Booster relav:



Ihre Anfrage/Best. Nr. / Your inquiry/order no.: 4500024947
Tag Nr. / Tag no. FV 20011
Stück/pc: 1

Type	DN	PN	Gehäuse / Attest	Kegel	Sitz	Kvs	Innentteile	Antrieb	S
V726 VKONN	250	40	1.4581/OBAB	PO XQ2GG	200	600	2.4360	PB 1502LVCOZD	

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ABNAHMEPRÜFZEUGNIS nach / INSPECTION CERTIFICATE acc. to EN 10204 3.1B

PRÜFUNGEN / INSPECTIONS

Festigkeitsprüfung des Gehäusetyps / Hydrostatic shell test of the bodytype
Prüfdruck / Test pressure 60,00 bar ü
Prüfmedium / Test medium Wasser / water

Dichtheitsprüfung des Gehäuses / Leak test of body
Prüfdruck / Test pressure 44,00 bar ü
Prüfmedium / Test medium Stickstoff / nitrogen

Dichtheitsprüfung des Abschlusses / Seat leakage test VDI/VE 2174, ANSI FCI 70-2, IEC 534-4
Prüfdruck / Test pressure 3,50 bar
Prüfmedium / Test medium Stickstoff / nitrogen
Leckageklasse / Class 0,0005%, IV-S1

Funktionsprüfung / Functional test DIN 3230-3 AQ, IEC 534-4

Sonstige Prüfungen /
Other inspections Gemäß DGRL 97/23/EG / acc. to PED 97/23/EC
Die medienberührten Bauteile wurden gereinigt und mit UV-Licht geprüft, sind daher öl- und fettfrei und für den Sauerstoffeinsatz geeignet.
Als Gleitmittel wurde OXIGENOEX S4 (weiße Paste) mit BAM Zertifikat verwendet.
The parts, which are in contact with the medium, are free from oil and grease. They are cleaned and checked with UV-light and suitable for oxygen service. Lubricant is OXIGENOEX S4 (white paste) with BAM-certificate.

Prüfergebnis / Test result

Ohne Beanstandung / without complaint

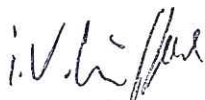
VERWENDETE WERKSTOFF / USED MATERIALS

Abnahmeprüfzeugnisse der Werkstoffe nach EN 10204 3.1B

- gemäß beiliegender Attestaufstellung
- Inspection certificate of the materials acc. to EN 10204 3.1B
- according to the enclosed „list of material certificate“

Aufgrund der Prüfergebnisse an den Produkten der Lieferung in unserem Werk bzw. beim Werkstofflieferanten, bestätigen wir, daß die Lieferung den Vorschriften bei der Bestellannahme entspricht.
Referring to the test result, we confirm that all delivered goods from our company resp. from subsupplier (material) are in accordance with the order instructions.

Villach, 2005-09-07/cl



Qualitätssicherung / Werksachverständiger
Quality department / Authorized representative

**ATTESTAUFSTELLUNG /
LIST OF MATERIAL CERTIFICATES**

Fabrikations - Nr. / Serial No.:

0521337-0, Pos.4

TAG Nr. / TAG No.:

FV 20011

Bearbeitung / Produced by:

cl

Bauteil / Part	Werkstoff / Material	Charge - Nr./ Heat - No.
Gehäuse / body	1.4581	05
Aufsatz - Stopfbuchsenteil / bonnet	1.4571	62339XO
Zwischenstück / yoke		
Deckel / cover		
Überwurfflansch / separable flange		
Kopfstück / head		
Stutzen- Anschlußstück / connection piece		
Führungsstück / guid piece		
Z - Stück / z - piece		
Flansch / flange		
Einsatz / inset	1.4571	62339XO
Bügel / yoke		

Die Schrauben, Muttern und Dehnhülsen werden mit den erforderlichen Werkstoffattesten gekauft.
Alle Lieferanten haben die erforderlichen Zulassungen und sind nach ISO 9001 zertifiziert.
*We purchase the screw bolts, nuts and extension sleeves with the required material certificates.
All our suppliers have the required approvals and the Certificate acc. to ISO 9001.*

nach EN 10 204 3.1 oder 3.2 verwendet, auch für Bauteile, die aus Gründen der Funktion und Formsteifigkeit überdimensioniert sind.

** For the parts of the valve body we only use materials with certificates acc. to EN 10 204 3.1 or 3.2, also for overdimensioned parts.*