TWO-WAY HYGIENIC CONTROL VALVES
V926H

DESCRIPTION

The ADCAPure V926H is a series of single seated two-way hygienic control valves with angle connections.
These valves are designed to regulate and accurately control flow of liquids and gases and are suitable for hygienic applications found in the pharmaceutical, cosmetic, fine chemical and food & beverage industries.
The V926H can be assembled with pneumatic, hydraulic or electric actuators, for modulating and shut-off control tasks.

MAIN FEATURES

Completely manufactured from bar stock material.
Body and bonnet are connected by a clamp coonection, allowing fast and easy maintenance procedures.
Cavity-free with no air trap locations.
Metal to metal or soft sealing.
Self-drainable design.

STANDARD SURFACE FINISH

Internal wetted parts: ≤ 0,51 micron Ra – SF1.
External: ≤ 0,76 micron Ra – SF3.
Other surface conditions see IS PV20.00 E - Technical information.
Ultrasonic cleaning.

OPTIONS: Soft valve sealing.
Reduced bore trims.
Steam barrier.
Inline connections.

USE: Saturated steam, hot and superheated water.
Process fluids, liquids, air and gases compatible with the construction.

AVAILABLE MODELS: V926H.

SIZES: 1/2” to 4”.

CONNECTIONS: ASME BPE clamp ferrules or tube weld (ETO) ends. Others on request.

PACKAGING: Assembling and packaging in a clean room certified according to ISO 14644-1.
The product is end capped and sealed with recyclable thermo-shrinkable plastic film, to avoid contamination.

INSTALLATION: Horizontal installation. Vertical inlet and horizontal outlet. See IMI – Installation and maintenance instructions.

LIMITING CONDITIONS *	
Valve model	**V926H**
Body design conditions	PN 16
Maximum operating pressure	13 bar @ 38ºC
Maximum operating steam pressure	6 bar
Max. operating temp. (steam and water)	170 ºC
Maximum operating temperature (air)	150 ºC
Minimum operating temperature	- 10 ºC

* Higher and lower limits on request.

CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
1/2” to 2”	SEP
21/2” to 4”	1 (CE marked)

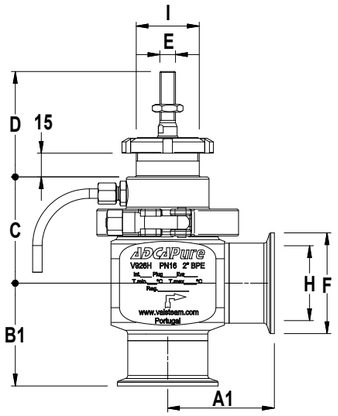
PLUG DESIGN			
PARABOLIC		**PARABOLIC (SOFT SEALING)**	
	**Sealing:** Metal to metal **Characteristic:** Equal percentage (EQP) or linear (PL) **Flow direction:** From below **Rangeability:** 50:1 (EQP) or 30:1 (PL) **Leakage:** Class IV, acc. to IEC 60534-4		**Sealing:** EPDM, PTFE or FPM **Characteristic:** Equal percentage (EQP) or linear (PL) **Flow direction:** From below **Rangeability:** 50:1 (EQP) or 30:1 (PL) **Leakage:** Class VI, acc. to IEC 60534-4

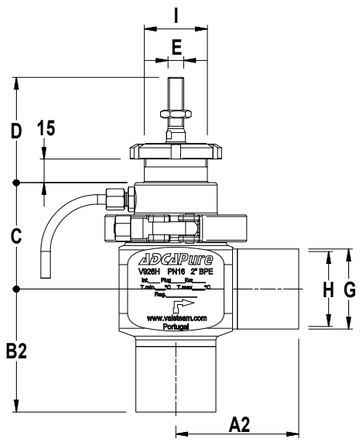
FLOW RATE COEFFICIENTS – PARABOLIC PL AND EQP PLUGS

SIZE	Kvs (m³/h)																
	0,1 *	0,25 *	0,5 *	1	1,5	2	2,3	2,9	4	6,3	10	16	25	40	63	100	160
1/2”	●	●	●	●	●	●											
3/4”							●	●	●								
1”								●	●	●							
11/2”									●	●	●	●					
2”											●	●	●	●			
21/2”												●	●	●			
3”													●	●	●		
4”														●	●	●	●
SEAT Ø (mm)	4			8			12		15	19,2	25	32	38	47/50	65	76	96
STROKE (mm)	15										20				30		

* Microflow only available with linear characteristic.
For conversion Kvs = Cv (US) x 0,865.

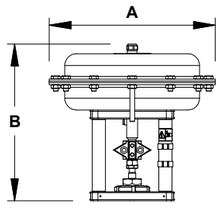
DIMENSIONS





DIMENSIONS (mm)								
DIMENSION	SIZE							
	1/2”	3/4”	1”	11/2”	2”	21/2”	3”	4”
A1	52	52	54	68	68	72	92	98
A2	52	56	59	76	78	92	115	119
B1	41	45	51	62	65	78	86	**98**
B2	41	51	57	70	78	98	109	125
C	52	52	56	63	68	75	94	106
D	67					70		
E	M10 x 1,5							
F	25	25	50,5	50,5	64	77,5	91	119
G	12,7	19,1	25,4	38,1	50,8	63,5	76,2	101,6
H	9,4	15,8	22,1	34,8	47,5	60,2	72,9	97,4
I	M40 x 1,5						M45 x 1,5	
WEIGHT (kg)	1,5	1,5	1,7	2,9	3,5	4,2	9,6	14,6

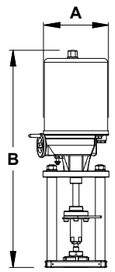
Remarks: Face to face dimensions are not standardized. Different dimensions available on request.



PA SERIES PNEUMATIC ACTUATORS

DIMENSIONS (mm)					
DIMENSION	PA10	PA206	PA281	PA341	PA436
A	170	209	275	336	430
B	251	236	243	323	291 / 311 *
WEIGHT (kg)	6,3	6,2	9,6	14,3	24,4 / 28 *

* For actuators with spring ranges 1 - 2 bar; 1,5 - 3 bar and 2 - 4 bar.
For more information, please consult IS 3.05 – PA Linear pneumatic actuators.



EL SERIES ELECTRIC ACTUATORS

DIMENSIONS (mm)			
DIMENSION	EL12	EL20 – EL45	EL80
A	129	148	188
B	333	485	587
WEIGHT (kg)	2,1	8	13

For more information, please consult IS 3.72 – EL Linear electric actuators.

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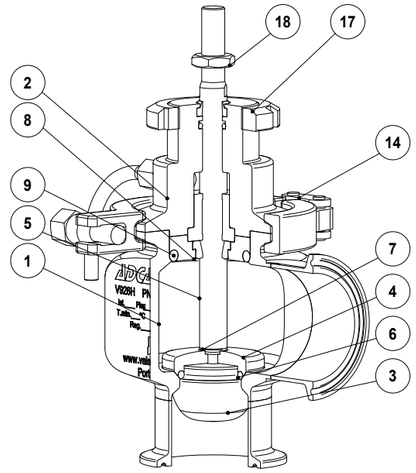
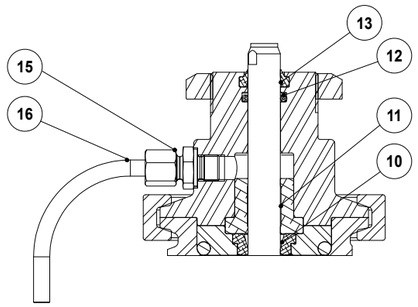
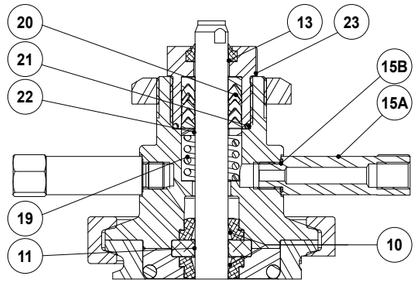
IS V926H.015 E 00.21

MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Valve body	AISI 316L / 1.4404
2	Bonnet	AISI 316L / 1.4404
3	* Valve plug	AISI 316L / 1.4404
4	* Plug disc	AISI 316L / 1.4404
5	* Stem	AISI 316L / 1.4404
6	* Valve plug seal	** EPDM; PTFE; FPM
7	* O-ring	EPDM
8	Centering ring	AISI 316L / 1.4404
9	* O-ring	EPDM; PTFE; FPM
10	* Shaft seal	EPDM; PTFE; FPM
11	* Guide bushing	TFM 1600
12	* O-ring	EPDM
13	* Scraper ring	FPM; NBR
14	Clamp	AISI 316 / 1.4401
15	Compression fitting	AISI 304 / 1.4301
15A	Nipple	AISI 316L / 1.4404
15B	* O-ring	FPM
16	Discharge pipe	AISI 316 / 1.4401
17	Lock nut	CF8 / 1.4308
18	Lock nut	AISI 304 / 1.4301
19	* Spring	AISI 302 / 1.4310
20	* Chevron packing set	PTFE
21	* O-ring	EPDM
22	* Washer	AISI 304 / 1.4301
23	Gland nut	AISI 316L / 1.4404

* Available spare parts; ** Others on request.
Remarks: FDA / USP Class VI seals certificate on request.
All valves have a serial number. In case of non-standard valves, this number must be supplied if spare parts are ordered.







Optional steam barrier

ORDERING CODES V926H a)												
Valve model	**V9H**	**1**	**S**	**U**	**E**	**M**	**E**	**FD**	**X**	**XD**	**015**	
V926H - AISI 316L / 1.4404 hygienic control valve, two-way, angle body	**V9H**											
Valve series												
Series 1		**1**										
Bonnet design												
Standard			**S**									
With steam barrier			**B**									
Flow direction												
Flow under the plug				**U**								
Stem and body sealing b)												
EPDM					**E**							
PTFE					**T**							
FPM / Viton					**V**							
Valve sealing												
Metal to metal (class IV)						**M**						
Soft sealed with EPDM (class VI)						**E**						
Soft sealed with PTFE (class VI)						**T**						
Soft sealed with FPM/Viton (class VI)						**V**						
Characteristic												
Equal percentage (EQP)							**E**					
Linear (PL)							**L**					
Flow rate coefficient												
Kvs 4								**FD**				
See table below for other Kvs value codes												
Surface finish c)												
Standard surface finish									**X**			
Mirror mechanical polished external surfaces (SF1)									**P**			
Electropolished internal wetted parts (SF5)									**E**			
Pipe connection												
Clamp ferrule ASME BPE										**DX**		
Tube weld (ETO) according to ASME BPE										**DI**		
Size												
1/2”											**015**	
3/4”											**020**	
...												
Special valves / Extras												
Full description or additional codes have to be added in case of a non-standard combination												**E**

a) Codification for valve only. For actuator codes, refer to the appropriate information sheet.
b) When the bonnet with heating chamber is selected the stem sealing is acheived through a PTFE V-Rings/chevron packing set. In which case this field only specifies the body sealing material.
c) Consult IS PV20.00 for further details and other surface finish options.

FLOW RATE COEFFICIENT CODES									
Kvs	**0,1**	**0,25**	**0,5**	**1**	**1,5**	**2**	**2,3**	**2,9**	**4**
Code	M4	M2	M1	R4	R3	R2	R1	R0	FD
Kvs	**6,3**	**10**	**16**	**25**	**40**	**63**	**100**	**160**	**-**
Code	FE	FF	FG	FH	FI	FJ	FL	FM	-

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IS V926H.015 E 00.21

LRQA CERTIFIED ISO 9001

Valsteam ADCA is an EHEDG Member

ADCA

ADCAPure

TWO-WAY ASEPTIC CONTROL VALVES
V926A

DESCRIPTION

The ADCAPure V926A is a series of single seated two-way aseptic control valves with angle connections.
These valves are designed to regulate and accurately control flow of liquids and gases and are suitable for high purity applications found in the pharmaceutical, cosmetic, fine chemical and food & beverage industries.
The V926A can be assembled with pneumatic, hydraulic or electric actuators, for modulating and shut-off control tasks.

MAIN FEATURES

Completely manufactured from bar stock material.
Body and bonnet are connected by a clamp coonection, allowing fast and easy maintenance procedures.
High-performance EPDM diaphragm stem sealing.
Cavity-free with no air trap locations.
Metal to metal or soft sealing.
Self-drainable design.

STANDARD SURFACE FINISH

Internal wetted parts: ≤ 0,51 micron Ra – SF1.
External : ≤ 0,76 micron Ra – SF3.
Other surface conditions see IS PV20.00 E – Technical information.
Ultrasonic cleaning.

OPTIONS: Soft valve sealing.
Reduced bore trims.
Heating chamber.
Inline connections.

USE: Saturated steam, hot and superheated water.
Process fluids, liquids, air and gases compatible with the construction.

AVAILABLE MODELS: V926A.

SIZES: 1/2” to 2”.

CONNECTIONS: ASME BPE clamp ferrules or tube weld (ETO) ends. Others on request.

PACKAGING: Assembling and packaging in a clean room certified according to ISO 14644-1.
The product is end capped and sealed with recyclable thermo-shrinkable plastic film, to avoid contamination.

INSTALLATION: Horizontal installation. Vertical inlet and horizontal outlet. See IMI – Installation and maintenance instructions.

LIMITING CONDITIONS *	
Valve model	**V926A**
Body design conditions	PN 16
Maximum operating pressure	13 bar @ 38ºC
Maximum operating steam pressure	6 bar
Max. operating temp. (steam and water)	170 ºC
Maximum operating temperature (air)	150 ºC
Minimum operating temperature	- 10 ºC

* Higher and lower limits on request.

CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
1/2” to 2”	SEP

LRQA CERTIFIED ISO 9001

Valsteam ADCA is an EHEDG Member

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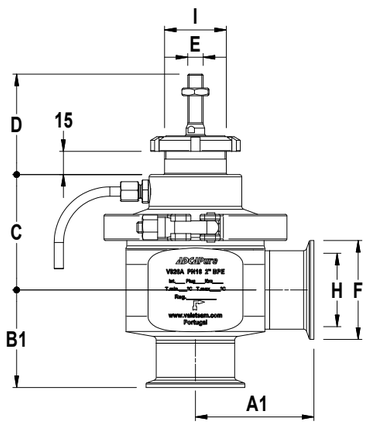
PLUG DESIGN			
PARABOLIC		**PARABOLIC (SOFT SEALING)**	
	**Sealing:** Metal to metal **Characteristic:** Equal percentage (EQP), linear (PL) or quick-opening (On/Off) **Flow direction:** From below **Rangeability:** 50:1 (EQP), 30:1 (PL) or 10:1 (On/Off) **Leakage:** Class IV, acc. to IEC 60534-4		**Sealing:** EPDM **Characteristic:** Equal percentage (EQP), linear (PL) or quick-opening (On/Off) **Flow direction:** From below **Rangeability:** 50:1 (EQP), 30:1 (PL) or 10:1 (On/Off) **Leakage:** Class VI, acc. to IEC 60534-4

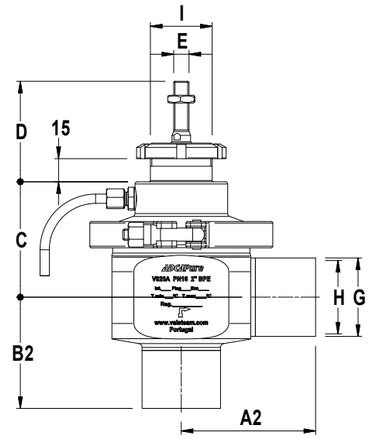
FLOW RATE COEFFICIENTS – PARABOLIC PL AND EQP PLUGS

SIZE	Kvs (m³/h)													
	0,1 *	0,25 *	0,5 *	1	1,5	2	2,3	2,9	4	6,3	10	16	25	40
1/2”	●	●	●	●	●	●								
3/4”							●	●	●					
1”							●	●	●	●				
11/2”									●	●	●	●		
2”											●	●	●	●
SEAT Ø (mm)	4			8			12		15	19.2	25	32	38	47
STROKE (mm)	7,5										15			

* Microflow only available with linear characteristic.
For conversion Kvs = Cv (US) x 0,865.

DIMENSIONS





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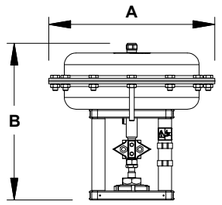
IS V926A.015 E 00.21

DIMENSIONS (mm)					
DIMENSION	SIZE				
	1/2”	3/4”	1”	11/2”	2”
A1	61	61	61	77	77
A2	66	66	66	85	87
B1	41	46	49	62	63
B2	41	46	49	70	72
C	54	56	58	68	75
D	65				
E	M10 x 1,5				
F	25	25	50,5	50,5	64
G	12,7	19,1	25,4	38,1	50,8
H	9,4	15,8	22,1	34,8	47,5
I	M40 x 1,5				
WEIGHT (kg)	2	2,1	2,3	3,8	4,3

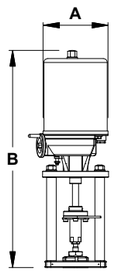
Remarks: Face to face dimensions are not standardized. Different dimensions available on request.



PA SERIES PNEUMATIC ACTUATORS

DIMENSIONS (mm)			
DIMENSION	PA10	PA206	PA281
A	170	209	275
B	251	236	243
WEIGHT (kg)	6,3	6,2	9,6

* For actuators with spring ranges 1 - 2 bar; 1,5 - 3 bar and 2 - 4 bar.
For more information, please consult IS 3.05 – PA Linear pneumatic actuators.



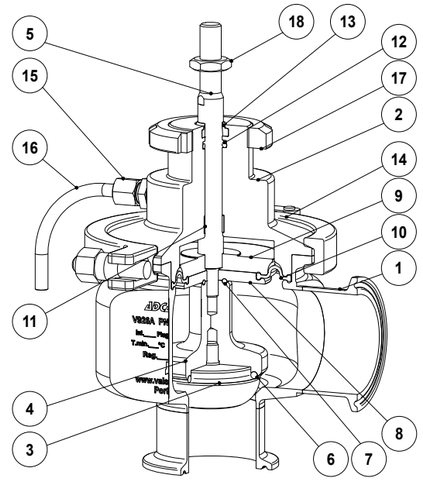
EL SERIES ELECTRIC ACTUATORS

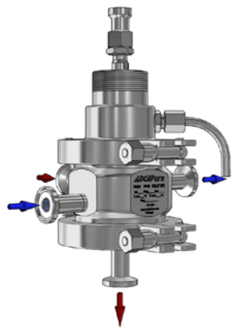
DIMENSIONS (mm)		
DIMENSION	EL12	EL20 – EL45
A	129	148
B	333	485
WEIGHT (kg)	2,1	8

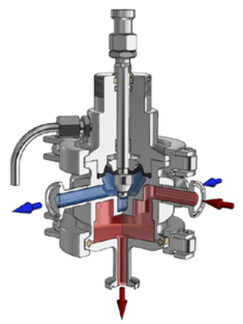
For more information, please consult IS 3.72 – EL Linear electric actuators.

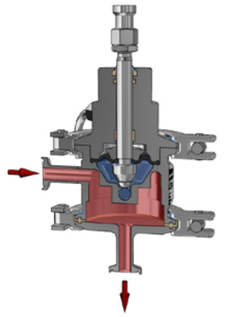
MATERIALS		
POS. Nº	DESIGNATION	MATERIAL
1	Valve body	AISI 316L / 1.4404
2	Bonnet	AISI 316L / 1.4404
3	* Valve plug	AISI 316L / 1.4404
4	* Plug disc	AISI 316L / 1.4404
5	* Stem	AISI 316L / 1.4404
6	* Valve plug seal	** EPDM
7	* O-ring	*** EPDM
8	Lower diaphragm plate	*** AISI 316L / 1.4404
9	Upper diaphragm plate	AISI 316L / 1.4404
10	* Diaphragm	EPDM
11	* Guide bushing	PTFE
12	* O-ring	EPDM
13	* Scraper ring	FPM; NBR
14	Clamp	AISI 316 / 1.4401
15	Compression fitting	AISI 304 / 1.4301
16	Discharge pipe	AISI 316 / 1.4401
17	Lock nut	CF8 / 1.4308
18	Lock nut	AISI 304 / 1.4301

* Available spare parts; ** Others on request. *** Sizes 11/2” and 2” only.
Remarks: FDA / USP Class VI seals certificate on request.
All valves have a serial number. In case of non-standard valves, this number must be supplied if spare parts are ordered.









Optional heating chamber
(to maintain the required temperature of the fluid flowing through the valve)

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We reserve the right to change the design and material of this product without notice.
IS V926A.015 E 00.21

ORDERING CODES V926A a)												
Valve model	**V9A**	**1**	**S**	**U**	**E**	**M**	**E**	**FD**	**X**	**XD**	**015**	
V926A - AISI 316L / 1.4404 aseptic control valve, two-way, angle body	**V9A**											
Valve series												
Series 1		**1**										
Bonnet design												
Standard			**S**									
With heating chamber			**H**									
Flow direction												
Flow under the plug				**U**								
Stem and body sealing												
EPDM					**E**							
Valve sealing												
Metal to metal (class IV)						**M**						
Soft sealed with EPDM (class VI)						**E**						
Characteristic												
Equal percentage (EQP)							**E**					
Linear (PL)							**L**					
Quick-opening (On/Off)							**Q**					
Flow rate coefficient												
Kvs 4								**FD**				
See table below for other Kvs value codes												
Surface finish b)												
Standard surface finish									**X**			
Mirror mechanical polished external surfaces (SF1)									**P**			
Electropolished internal wetted parts (SF5)									**E**			
Pipe connection												
Clamp ferrule ASME BPE										**DX**		
Tube weld (ETO) according to ASME BPE										**DI**		
Size												
1/2”											**015**	
3/4”											**020**	
...												
Special valves / Extras												
Full description or additional codes have to be added in case of a non-standard combination												**E**

a) Codification for valve only. For actuator codes, refer to the appropriate information sheet.
b) Consult IS PV20.00 for further details and other surface finish options.

FLOW RATE COEFFICIENT CODES														
Kvs	**0,1**	**0,25**	**0,5**	**1**	**1,5**	**2**	**2,3**	**2,9**	**4**	**6,3**	**10**	**16**	**25**	**40**
Code	M4	M2	M1	R4	R3	R2	R1	R0	FD	FE	FF	FG	FH	FI

THREE-WAY HYGIENIC CONTROL VALVES
V928

DESCRIPTION

The ADCAPure V928 is a series of two or three-way hygienic control valves with angle or horizontal connections. These valves are designed to regulate and accurately control flow of liquids and gases and are suitable for hygienic applications found in the pharmaceutical, cosmetic, fine chemical and food & beverage industries.
The V928 can be assembled with pneumatic, hydraulic or electric actuators, for modulating and shut-off control tasks.

MAIN FEATURES

Completely manufactured from bar stock material.
Body and bonnet are connected by a clamp coonection, allowing fast and easy maintenance procedures.
Cavity-free with no air trap locations.
Metal to metal or soft sealing.

STANDARD SURFACE FINISH

Internal wetted parts: ≤ 0,51 micron Ra – SF1.
External: ≤ 0,76 micron Ra – SF3.
Other surface conditions see IS PV20.00 E - Technical information.
Ultrasonic cleaning.

OPTIONS: Soft valve sealing.
Reduced bore trims.
Steam barrier.

USE: Saturated steam, hot and superheated water.
Process fluids, liquids, air and gases compatible with the construction.

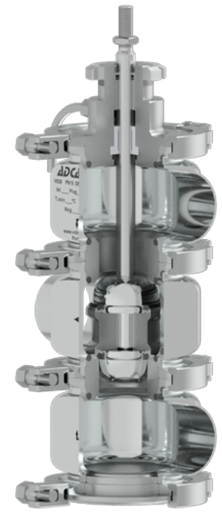
AVAILABLE MODELS: V928MV – three-way angle design.
V928MH – three-way horizontal design.
V928D – three-way diverting.

SIZES: DN 15 to DN 100.

CONNECTIONS: DIN threads, clamp ferrules or tube weld (ETO) ends. Others on request.

PACKAGING: Assembling and packaging in a clean room certified according to ISO 14644-1.
The product is end capped and sealed with recyclable thermo-shrinkable plastic film, to avoid contamination.

INSTALLATION: Horizontal installation. See IMI - Installation and maintenance instructions.



CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
DN 15 to DN 50	SEP
DN 65 to DN 100	1 (CE Marked)

LIMITING CONDITIONS *	
Valve model	**V928**
Body design conditions	PN 16
Maximum operating pressure	13 bar @ 38ºC
Maximum operating steam pressure	6 bar
Max. operating temp. (steam and water)	170 ºC
Maximum operating temperature (air)	150 ºC
Minimum operating temperature	- 10 ºC

* Higher or lower limits on request.

PLUG DESIGN

MIXING

Sealing:	Metal to metal
Characteristic:	Linear (PL)
Rangeability:	30:1
Leakage:	Class IV, acc. to IEC 60534-4

MIXING (SOFT SEALING)

Sealing:	EPDM, PTFE or FPM
Characteristic:	Linear (PL)
Rangeability:	30:1
Leakage:	Class VI, acc. to IEC 60534-4

DIVERTING

Sealing:	Metal to metal
Characteristic:	Linear (PL)
Rangeability:	30:1
Leakage:	Class IV, acc. to IEC 60534-4

DIVERTING (SOFT SEALING)

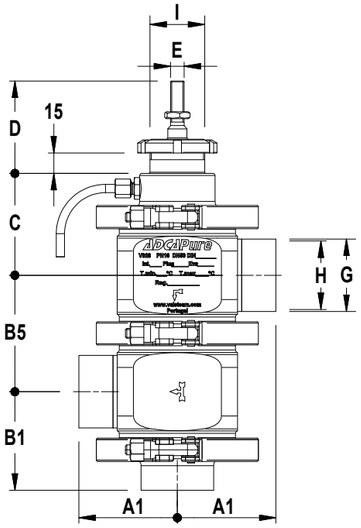
Sealing:	EPDM, PTFE or FPM
Characteristic:	Linear (PL)
Rangeability:	30:1
Leakage:	Class VI, acc. to IEC 60534-4

FLOW RATE COEFFICIENTS – MIXING AND DIVERTING PLUGS

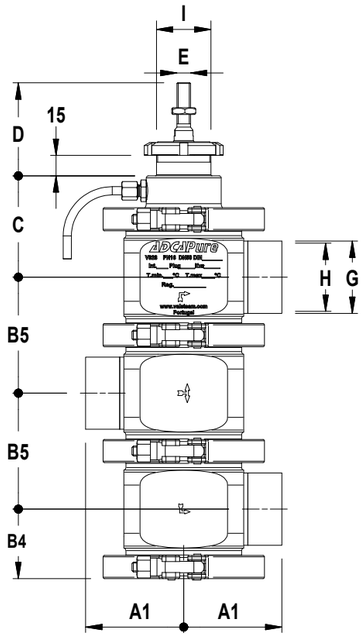
SIZE	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100
Kvs (m³/h)	4	6,3	10	16	25	40	63	100	160
SEAT Ø *	15	19,2	25	32	38	50	65	76	96
STROKE (mm)	20						30		

For conversion, Kvs = Cv (US) x 0,865.

DIMENSIONS



V928MV



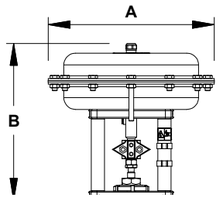
V928MH
V928D

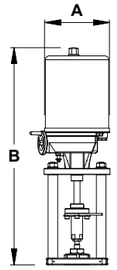
LRQA CERTIFIED ISO 9001
EHEDG EUROPEAN HYGIENIC ENGINEERING & DESIGN GROUP
Valsteam ADCA is an EHEDG Member
ADCA

DIMENSIONS (mm)

DIMENSION	SIZE								
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100
A1	49	49	55	64	64	72	84	92	119
A2	61	61	55	77	77	83	89	92	118
A3	54	57	63	73	74	82	101	137	124
B1	45	45	55	62	64	72	86	109	119
B2	63	65	66	72	74	80	92	105	125
B3	66	69	84	94	97	107	126	154	173
B4	34	36	36	43	45	51	64	71	84
B5	51	55	55	68	73	85	110	125	144
C	57	59	59	66	69	75	91	99	108
D	67						70		
E	M10 x 1,5								
F	34	34	50,5	50,5	50,5	64	91	106	119
G	19	23	29	35	41	53	70	85	104
H	16	20	26	32	38	50	66	81	100
I	M40 x 1,5						M45 x 1,5		
WEIGHT (kg) *	2,4	2,5	2,6	4,3	4,4	4,7	10,8	11,8	17,1

Remarks: Face to face dimensions are not standardized. Other dimensions and standards on request.
Configurations with overlapped connections are only possible for tube weld (ETO) versions.
A1 and B1 – Tube weld (ETO) according to DIN 11866-A (DIN 11850-2).
A2, B2 and F – Clamp ferrules DIN (DIN 32676-A).
A3 and B3 – Hygienic male threads DIN (DIN 11851) for pipes according to DIN 11866-A (DIN 11850-2).
Alternative: Aseptic male threads DIN (DIN 11864 -1 Form A) for pipes according to DIN 11866-A (DIN 11850-2).
* Based on the standard valve V928L with tube weld (ETO) connections. For other versions, consult manufacturer.





PA SERIES PNEUMATIC ACTUATORS

DIMENSIONS (mm)					
DIMENSION	**PA10**	**PA206**	**PA281**	**PA341**	**PA436**
A	170	209	275	336	430
B	251	236	243	323	291 / 311 *
WEIGHT (kg)	6,3	6,2	9,6	14,3	24,4 / 28 *

* For actuators with spring ranges 1 - 2 bar; 1,5 - 3 bar and 2 - 4 bar.
For more information, please consult IS 3.05 – PA Linear pneumatic actuators.

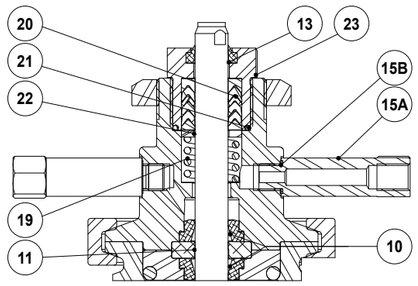
EL SERIES ELECTRIC ACTUATORS

DIMENSIONS (mm)			
DIMENSION	**EL12**	**EL20 – EL45**	**EL80**
A	129	148	188
B	333	485	587
WEIGHT (kg)	2,1	8	13

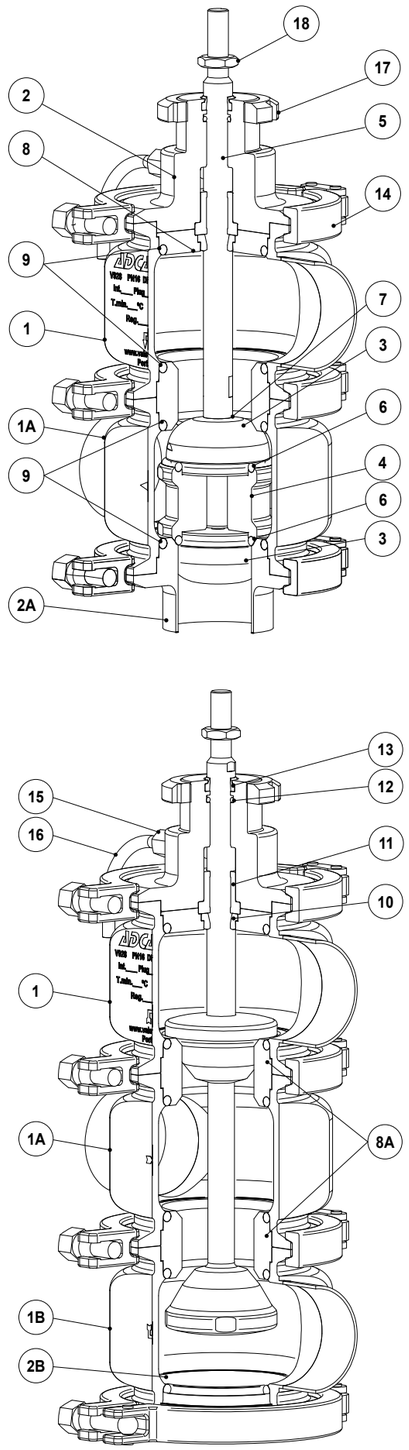
For more information, please consult IS 3.72 – EL Linear electric actuators.

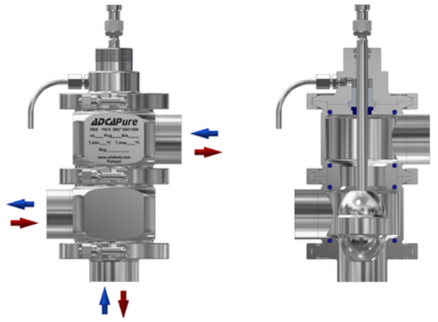
MATERIALS		
POS. Nº	**DESIGNATION**	**MATERIAL**
1	Upper valve body	AISI 316L / 1.4404
1A	Intermediate valve body	AISI 316L / 1.4404
1B	Lower valve body	AISI 316L / 1.4404
2	Bonnet	AISI 316L / 1.4404
2A	Bottom connection	AISI 316L / 1.4404
2B	Bottom cover	AISI 316L / 1.4404
3	* Valve plug	AISI 316L / 1.4404
4	* Plug disc	AISI 316L / 1.4404
5	* Stem	AISI 316L / 1.4404
6	* Valve plug seal	** EPDM; PTFE; FPM
7	* O-ring	EPDM
8	Centering ring	AISI 316L / 1.4404
9	* O-ring	EPDM; PTFE; FPM
10	* Shaft seal	EPDM; PTFE; FPM
11	* Guide bushing	TFM 1600
12	* O-ring	EPDM
13	* Scraper ring	FPM; NBR
14	Clamp	AISI 316 / 1.4401
15	Compression fitting	AISI 304 / 1.4301
15A	Nipple	AISI 316L / 1.4404
15B	* O-ring	FPM
16	Discharge pipe	AISI 316 / 1.4401
17	Lock nut	CF8 / 1.4308
18	Lock nut	AISI 304 / 1.4301
19	* Spring	AISI 302 / 1.4310
20	* Chevron packing set	PTFE
21	* O-ring	EPDM
22	* Washer	AISI 304 / 1.4301
23	Gland nut	AISI 316L / 1.4404

* Available spare parts; ** Others on request.
Remarks: FDA / USP Class VI seals certificate on request.
All valves have a serial number. In case of non-standard valves, this number must be supplied if spare parts are ordered.

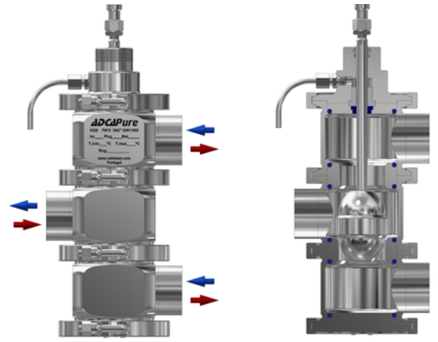


Optional steam barrier

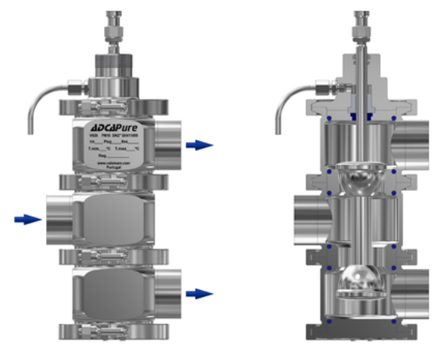




V928MV
Three-way design with two valve bodies (upper and lower) and a bottom vertical connection.
The valve can be used for mixing or diverting duty.
Remark: Configurations with overlapped connections are only possible for tube weld (ETO) versions.



V928MH
Three-way design with three valve bodies (upper, intermediate and lower) and all the connections in the horizontal plain.
The valve can be used for mixing or diverting duty.
Remark: Configurations with overlapped connections are only possible for tube weld (ETO) versions.



V928D
Three-way design with three valve bodies (upper, intermediate and lower) and all the connections in the horizontal plain.
The valve is exclusively meant for diverting duty.
Remark: Configurations with overlapped connections are only possible for tube weld (ETO) versions.

We reserve the right to change the design and material of this product without notice.
IS V928M.015 E 00.21

ORDERING CODES V928 a)												
Valve model	**V8V**	**1**	**S**	**U**	**E**	**M**	**L**	**FD**	**X**	**FX**	**015**	
V928MV - AISI 316L hygienic control valve, three-way, angle	**V8V**											
V928MH - AISI 316L hygienic control valve, three-way, horizontal	**V8M**											
V928D - AISI 316L hygienic control valve, three-way, horizontal, diverting	**V8D**											
Valve series												
Series 1		**1**										
Bonnet design												
Standard			**S**									
With steam barrier			**B**									
Flow direction												
Flow under the plug				**U**								
Stem and body sealing b)												
EPDM					**E**							
PTFE					**T**							
FPM / Viton					**V**							
Valve sealing												
Metal to metal (class IV)						**M**						
Soft sealed with EPDM (class VI)						**E**						
Soft sealed with PTFE (class VI)						**T**						
Soft sealed with FPM/Viton (class VI)						**V**						
Characteristic												
Linear (PL)							**L**					
Flow rate coefficient												
Kvs 4								**FD**				
See table below for other Kvs value codes												
Surface finish c)												
Standard surface finish									**X**			
Mirror mechanical polished external surfaces (SF1)									**P**			
Electropolished internal wetted parts (SF5)									**E**			
Pipe connection												
Clamp ferrule DIN (DIN 32676-A)										**FX**		
Hygienic male threads DIN (DIN 11851)										**G1**		
Aseptic male threads DIN (DIN 11864-1 Form A)										**G2**		
Tube weld (ETO) according to DIN 11866-A (DIN 11850-2)										**FI**		
Size												
DN 15											**015**	
DN 20											**020**	
...												
Special valves / Extras												
Full description or additional codes have to be added in case of a non-standard combination												**E**

a) Codification for valve only. For actuator codes, refer to the appropriate information sheet.

b) When the bonnet with heating chamber is selected the stem sealing is acheived through a PTFE V-Rings/chevron packing set. In which case this field only specifies the body sealing material.

c) Consult IS PV20.00 for further details and other surface finish options.

FLOW RATE COEFFICIENT CODES									
Kvs	**4**	**6,3**	**10**	**16**	**25**	**40**	**63**	**100**	**160**
Code	FD	FE	FF	FG	FH	FI	FJ	FL	FM