# SANITARY PRESSURE SUSTAINING VALVE PS130

#### DESCRIPTION

The ADCA PS130 series direct acting, spring-loaded diaphragm sensing pressure sustaining valves are designed for use with clean air, nitrogen, carbon dioxide, oxygen, argon and other gases or liquids compatible with the construction materials and valve design. This valve is specifically designed for the high purity gas systems found in the pharmaceutical cosmetic, fine chemical and food & beverage processes.

## MAIN FEATURES

Compact design. Completely machined from 316L stainless steel bar stock, no castings or forgings are used. FDA / USP Class VI compliant seals. Non-rising adjustment knob.

## STANDARD SURFACE FINISH

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

- OPTIONS: Self relieving. Leakage line connection 1/8" (captured vent). Panel mounting version (thread M45). Gauge connection on body. Different soft valves for liquids and gases. Wall mounting.
- USE: Clean air, nitrogen, carbon dioxide, oxygen, argon and other gases or liquids compatible with the construction.

MODELS:

SIZES: 1/2" to 1"; DN 08 to DN 25.

PS130.

REGULATING RANGES:

**AVAILABLE** 

S: 0,2 – 1,5 bar; 0,3 – 3 bar; 2 – 8 bar.

- CONNECTIONS: ASME BPE, DIN and ISO 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 recommended. See IMI – Installation and maintenance instructions.

LIMITING CONDITIONS								
Valve model	PS130							
Body design conditions	PN 16							
Maximum upstream pressure	8 bar							
Minimum upstream pressure	0,2 bar							
Maximum design temperature *	150 °C							
* Others on request.								

CE MARKING (PED – Europea	
PN 16	Category
1/2" to 1" – DN 08 to DN 25	SEP





We reserve the right to change the design and material of this product without notice.









#### FLOW RATE COEFFICIENTS (m<sup>3</sup>/h) \*

	ASME	ASME BPE DIN ISO								
SIZE	1/2"	3/4" to 1"	DN 10	DN 15 to DN 25	DN 08	DN 10 to DN 20				
Kvs	1,7	3	1,7	3	1,7	3				

\* Reduced Kvs on request.

	DIMENSIONS (mm) ASME BPE											
SIZE A B C		С	D	d1	d2	E	F	н	WEIGHT (kg)			
1/2"	130	30	127	80	25	15,75	65	25	9,4	2,9		
3/4"	130	30	127	80	25	15,75	67,5	25	15,75	2,9		
1"	130	30	127	80	25	15,75	72,5	50,5	22,1	3,4		

\* Valves with nylon adjustment knob weigh 0,3 kg less.

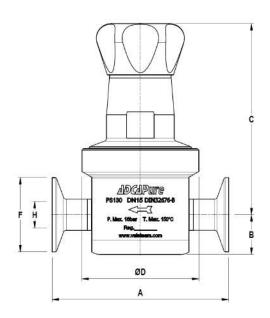
	DIMENSIONS (mm) DIN											
SIZE	Α	В	С	D	d1	d2	E	F	н	WEIGHT (kg)		
DN 10	120	30	127	80	25	15,75	65	34	10	2,9		
DN 15	120	30	127	80	25	15,75	67,5	34	16	3		
DN 20	120	30	127	80	25	15,75	67,5	34	20	3,1		
DN 25	120	32	125	80	25	15,75	72,5	50,5	26	3,4		

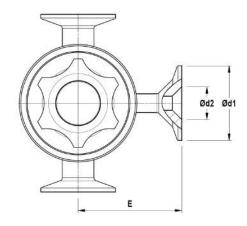
\* Valves with nylon adjustment knob weigh 0,3 kg less.

Remarks: Clamp ferrules according to DIN 32676-A; Tube weld (ETO) according to DIN 11866-A (DIN 11850-2).

	DIMENSIONS (mm) ISO											
SIZE	Α	В	с	D	d1	d2	E	F	н	WEIGHT (kg)		
DN 08	120	30	127	80	25	15,75	65	25	10,3	2,9		
DN 10	120	30	127	80	25	15,75	67,5	25	14	3		
DN 15	120	30	127	80	25	15,75	67,5	50,5	18,1	3,2		
DN 20	120	32	125	80	25	15,75	72,5	50,5	23,7	3,4		

\* Valves with nylon adjustment knob weigh 0,3 kg less. Remarks: Clamp ferrules according to DIN 32676-B; Tube weld (ETO) according to DIN 11866-B (ISO 1127).



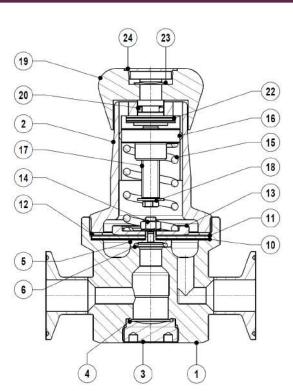


Optional pressure gauge connection.

VALSTEAM ADCA

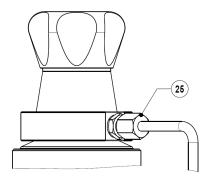


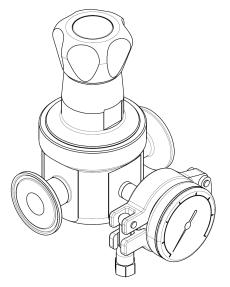
MATERIALS								
POS. Nº	DESIGNATION	MATERIAL						
1	Valve body	AISI 316L / 1.4404						
2	Cover	AISI 316L / 1.4404						
3	Seat cover	AISI 316L / 1.4404						
4	* O-ring	Viton ; EPDM						
5	* Piston plug	AISI 316L / 1.4404						
6	* Valve head	AISI 316L / 1.4404 ; Viton ; PTFE						
10	* Lower diaphragm	PTFE (Gylon)						
11	* Upper diaphragm	EPDM						
12	Washer	AISI 304 / 1.4301						
13	Spring plate	AISI 304 / 1.4301						
14	Nut	Stainless steel A2-70						
15	* Adjustment spring	AISI 302 / 1.4300						
16	Spring plate	AISI 316 / 1.4401						
17	Adjustment screw	Brass						
18	Retaining washer	Stainless steel A2-70						
19	Adjustment knob	AISI 316L / 1.4404						
19	Adjustment knob	Nylon						
20	O-ring	NBR						
22	Bearing	Corrosion resistant steel						
23	Ext. bowed shaft ring	Stainless steel						
24	Cover nut	Plastic						
25	Leakage connection	AISI 316L / 1.4404						
25	Captured vent ring	AISI 316L / 1.4404						
26	Clamp	AISI 316L / 1.4404						



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DCA





Remarks: FDA / USP Class VI seals certificate on request.

must be supplied if spare parts are ordered.

All valves have a serial number. In case of non-standard valves, this number

Optional pressure gauge connection.



Optional 1/8" captured vent and/or leakage connection (compression fitting and tube not included).

# VALSTEAM ADCA





PS130 - AISI 316L / 1 4404 diaphragm sansing pressure sustaining valve   PS13     Regulating range   1     12. to 1.5 bar   1     13. to 3 bar   2     13. to 3 bar   2     13. to 3 bar   2     14. to 8 bar   3     15. to 8 bar   3     16. to 8 bar   3     17. Flow rate coefficient   5     17. to 8 bar   1     18. netal (non-standard)   1     19. metal (non-standard)   1     19. Mon   1. to 100	ORDERING CODES	PS130												
Regulating range     I       12.0 15 bar     1       13.0 3 bar     1       13.0 3 bar     2       10 8 bar     1       10.3 to 3 bar     2       10 8 bar     3       10 8 bar     5       10 8 bar     5       10 8 bar     1       10 8 bar     1       10 8 bar     1       10 10 barbar     1       10 10 10 10 10 10 10 10 10 10 10 10 10 1	Valve model	PS13	1	3	т	М	X	I	X	X	X	DI	15	E
12 to 1.5 bar   1     3 to 3 bar   2     2 to 6 bar   3     3 to 3 bar   7     2 to 6 bar   3     3 to 3 bar   7     2 to 6 bar   3     3 to 3 bar   7     2 to 6 bar   3     6 to 1 constandard)   1     7 tFE (Sylon)   T     7 tFE (Sylon)   0     7 tFE (Sylon)	PS130 – AISI 316L / 1.4404 diaphragm sensing pressure sustaining valve	PS13					1							
33 to 3 bar   2     21 to 5 bar   3     21 to 5 bar   5     01 to 10	Regulating range													
10 8 bar   3   3   5     (xs 1, 7, 7)   Flow rate coefficient   3   6     (xs 1, 7, 7)   Diaphragm   5   6     (xs 1, 7, 7)   Diaphragm   5   6     (xs 1, 7, 7)   Diaphragm   7   7     (xs 1, 7, 7)   Seat material   M   6     (xs 1, 7, 7)   Seat material   M   6     (xs 1, 7, 7)   Seat material   M   6     (xs 1, 7, 7)   Seat material   M   N     (xs 1, 7, 7)   Seat material   M   N     (xs 1, 7, 7)   N   N   N   N     (xs 1, 7, 7)   Seat material   M   N   N     (xs 1, 7, 7)   N   N   N   N   N     (xs 1, 7, 7)   N   N   N   N   N   N     (xs 1, 7, 7)   N   N   N   N   N   N     (xs 1, 7, 7)   N   N   N   N   N   N     (yth) abustinet kinde (in the	0,2 to 1,5 bar		1	]										
Flow rate coefficient     I       (vs 1, 7, 7, 3)     3       (vs 1, 7, 1)     3       (vs 1, 1, 7)     3       (vs 1, 1, 2)     6       Diaphragm     T       FTE (Gylon)     T       Beat material     M       detail to metal (non-standard)     M       Seat material     M       detail to metal (non-standard)     K       PDM     E       TFE (Gylon)     V       Vintamed age connection in case of diaphragm failure (captured vent)     L       Adjustment knob and top cap     1       Vino adjustment knob     P       Gague port options     X       Tin-clamp gauge ports     X       Tin-clamp gauge port on the di dide (rel. to the flow direction) - upstream pressure     7       Tin-clamp gauge port on the di dide (rel. to the flow direction) - upstream pressure - 150 7 Rp 1/4"     3       Threaded gauge port on both sides - upstream pressure = 100 7 Rp 1/4"     2       Threaded gauge port on both sides - upstream pressure = 100 7 Rp 1/4"     2       Threaded gauge port on both sides - upstream pressure = 100 7 Rp 1/4"     2 <t< td=""><td>0,3 to 3 bar</td><td></td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	0,3 to 3 bar		2											
Ver. 1.7   3     Ver. 3 (not applicable to sizes 1/2 / SMB BPE. DIN DN 10 and ISO DN 08)   6     Diaphragm   T     TFE (Gylon)   T     DFE (Gylon)   T     Seat material   6     detait to metal (non-standard)   M     PDM (non-standard)   M     EpiDM (non-standard)   M     PPDM (non-standard)   M     EpiDM (non-standard)   M     PPDM (non-standard)   M     Eleving option not applicable   X     Japhragm cover leakage connection in case of diaphragm failure (captured vent)   L     Japhragm ocver leakage connection in case of diaphragm failure (captured vent)   L     Japhragm ocver leakage connection in case of diaphragm failure (captured vent)   L     Japhragm ocver leakage connection in case of diaphragm failure (captured vent)   L     Japhragm ocver leakage connection   T     Fichalam gauge port on the left side (rel. to the flow direction) - upstream pressure   T     Fichalam gauge port on the left side (rel. to the flow direction) - upstream pressure - 1/4' NPT   Y     Tincader gauge port on the left side (rel. to the flow direction) - upstream pressure - 1/4' NPT   Y     Tincader gauge port on	2 to 8 bar		3	ļ										
Sin (not applicable to sizes 1/2" ASME BPE. DIN DN 10 and ISO DN 08)   6     Diaphragm   T     PCM (non-standard)   T     PEDM (non-standard)   M     Geody and the state and the														
Diaphragm   T     2TFE (Gylon)   T     2TFE (Gylon)   T     Bell on metal (non-standard)   M     PDM (non-standard)   M     PEPDM (non-standard)   M     PPDM (non-standard)   M     PEPDM (non-standard)   M     PEPDM (non-standard)   V     Releving polion not applicable   X     Diaphragm cover leakage connection in case of diaphragm failure (captured vent)   L     Adjustment knob   P     Ngo cap (adjustment knob   P     Not agueg ports   T     Rinclass steel adjustment knob   P     Nythout gauge ports   X     Rinclamp gauge port on the right side (rel. to the flow direction) – upstream pressure   C     Rinclamp gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   5     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – IA" NPT   Y     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – IA" NPT   Y     Threaded gauge port on the right side (rel. to the flow direction) – up	Kvs 1,7			-										
TTFE (Gylon) T   EPDM (non-standard) K   Seat material K   detai to metal (non-standard) K   PEDM E   TTE T   PPDM T   TFE (Sylon) T   TFE (Sylon) K   Atala to metal (non-standard) K   PTE T   PTTE T   Stainfass statel adjustment knob and top cap X   Adjustment knob P   Tin-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure T   Tin-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure - ISO 7 Rp 1/4" A   Tin-clamp gauge port on the right side (rel. to the flow direction) – upstream pressure - ISO 7 Rp 1/4" A   Tin-clamp gauge port on the right side (rel. to the direction) – upstream pressure - ISO 7 Rp 1/4" A   Tin-clamp gauge port on the right side (rel. to the direction) – upstream pressure - ISO 7 Rp 1/4" A   Tin-clamp gauge port on the right side (rel. to the direction) – upstream pressure - ISO 7 Rp 1/4" A   Tin-clamp gauge port on the right side (rel. to the direction) – upstream pressure - ISO 7 Rp 1/4" A   Tin-clamp gauge port on the right side (rel. to the direction) – upstream pressure - ISO 7 Rp 1/4" A   Tincaded gauge port on the right side (rel. to the direction) – upstream pressu				6										
PDM (non-standard)   E     detail to metal (non-standard)   M     PDM   E     SPDM   E     PTE   T     TPM / Vition   V     Relieving option not applicable   X     Adjustment knob   I     Adjustment knob   I     Op cap (adjustment knob   P     Op cap (adjustment knob   P     No adjustment knob   P     Op cap (adjustment knob   P     No adjustment knob   P     Op cap (adjustment screw with cover)   T     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   F     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – I/4" NPT   W     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on the right side (rel. to the flow direction)	· •				_									
Seat material   M     Adela to metal (non-standard)   M     Adela to metal (non-standard)   M     PFDM   T     TFE   T     TPM / Vition   V     Adjustment knob and top cap     Stanless steel adjustment knob   I     Adjustment knob   P     Tri-clamp gauge port on the fight cide (rel. to the flow direction) – upstream pressure   F     Tri-clamp gauge port on the fight cide (rel. to the flow direction) – upstream pressure   F     Tri-clamp gauge port on the fight cide (rel. to the flow direction) – upstream pressure   F     Tri-clamp gauge port on the fight cide (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the fight cide (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the fight cide (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – I/4" NPT   W     Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – I/4" NPT   W     Threaded gauge port on bolt sides – upstream pressure – I/4" NPT														
detail to metal (non-standard)   M     EPDM   E     PDM   E     TFE   T     TYPM / Viton   V     Relieving option not applicable   X     Adjustment knob and top cap   I     Stainless steel adjustment knob   I     prog cap (adjustment screw with cover)   T     Gauge port options   X     Wihut gauge ports   X     Tr-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   6     Tr-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure – 104" NPT   Y     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 107 Rp 14"   4     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 107 Rp 14"   2     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 107 Rp 14"   2     Threaded gauge port on both sides – upstream pressure – 114" NPT   W     Threaded gauge port on both sides (rel. to the flow direction) – upstream pressure – 114" NPT   Y     Threaded gauge port on both sides (rel. to the flow direction) – upstream pressure – 114" NPT   Y     Threaded gauge port on both sides (rel. to the flow direction) – upstream pressure – 114					E									
PDM   E   T     PTFE   T   T     PTFE   T   T     PVI /Vton   Relieving   X     Diaphragm cover leakage connection in case of diaphragm failure (captured vent)   L   L     Adjustment knob   I   P     T   Gauge port options   T     The add guage port on the first ide (rel. to the flow direction) – upstream pressure   T     Tri-clamp guage port on the first ide (rel. to the flow direction) – upstream pressure   T     Tri-clamp guage port on the first ide (rel. to the flow direction) – upstream pressure – 160 7 Rp 1/4"   4     Threaded guage port on the first ide (rel. to the flow direction) – upstream pressure – 167 7 Rp 1/4"   4     Threaded guage port on the first ide (rel. to the flow direction) – upstream pressure – 167 7 Rp 1/4"   3     Threaded guage port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded guage port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded guage port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded guage port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded guage port on bloes – upstream pressure – 1/4" NPT														
TTFE   T   T     PM / Viton   V   V     PPM / Viton   V   X     Believing option not applicable   X   L     Adjustment knob and top cap   L   L     Stainless steel adjustment knob   P   P     Gauge port options   T   T     Without gauge ports   X   X     Fri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   7     Fri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   2     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   2     Threaded gauge port on but sides – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on but sides (rel. to the flow direction) – upstream pressure – 1/4" NPT   2     Threaded gauge port on but side (rel. to the flow direction) – upstream pressure – 1/4" NPT   2     Threaded gauge port on but sides – upstream pressure – 1/4" NPT   2     Surface finish a)   3 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
PIM / Viton   V     Relieving   X     Relieving option not applicable   X     Adjustment knob and top cap   L     staniess steel adjustment knob   I     Staniess steel adjustment knob   P     Op cap (adjustment knob   P     Tricatamp gauge port on the right side (rel. to the flow direction) – upstream pressure   7     Fricatamp gauge port on bith sides – upstream pressure   5     Tricatamp gauge port on bith sides – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on bith side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bith side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bith side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bith side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bith side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bith side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bith sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bith side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>{</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							{							
Relieving   X     Relieving option not applicable   X     Adjustment knob and top cap   I     Stainless steel adjustment knob   I     Vijon adjustment knob   P     Gauge port options   T     Tri-clamp gauge ports   X     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   7     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   5     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4*   4     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4*   2     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4*   2     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4* NPT   W     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4* NPT   Y     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4* NPT   W     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4* NPT   Y     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4* NPT   Y     Threaded gauge por							-							
Relieving option not applicable   X     Adjustment knob and top cap   I     Stainless steel adjustment knob   P     Stainless steel adjustment knob   P     Op cap (adjustment screw with cover)   T     Gauge port options   X     Without gauge ports   X     Tri-clamg gauge port on the fight side (rel. to the flow direction) – upstream pressure   6     Tri-clamg gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4*   5     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4*   5     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4*   5     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – I/4* NPT   7     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4* NPT   7     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4* NPT   7     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4* NPT   7     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4* NPT   7     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4* NPT <t< td=""><td></td><td></td><td></td><td></td><td></td><td>V</td><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>						V								
Diaphragm cover leakage connection in case of diaphragm failure (captured vent)     L       Adjustment knob and top cap       Stainless steel adjustment knob     I       P     T       Gauge port options     X       Without gauge ports     X       Triclamg gauge port on the left side (rel. to the flow direction) – upstream pressure     5       Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"     4       Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"     4       Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – 1/4" NPT     V       Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – 1/4" NPT     V       Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – 1/4" NPT     V       Threaded gauge port on the fight side (rel. to the flow direction) – upstream pressure – 1/4" NPT     V       Surface finish a)     X     P     E       Sundard surface finish a)     X     P     E       Sundard surface finish a)     X     P     E       Sundard surface finish a)     X     P     E							v							
Adjustment knob and top cap   I     Stainless steel adjustment knob   I     Stainless steel adjustment knob   I     Gauge port options   T     Gauge port options   T     Without gauge ports   T     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   T     Tri-clamp gauge port on the idft side (rel. to the flow direction) – upstream pressure   T     Tri-clamp gauge port on the idft side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure – IA" NPT   W     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure – IA" NPT   Y     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure – IA" NPT   Y     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure – IA" NPT   Y     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure – IA" NPT   Y     Threaded gauge port on the idft side (rel. to the flow direction) – upstream pressure –		•)												
Stainless steel adjustment knob   I     Vylon adjustment knob   P     Top cap (adjustment screw with cover)   T     Gauge port options   X     Triclamp gauge port on the left side (rel. to the flow direction) – upstream pressure   6     Triclamp gauge port on both sides – upstream pressure   5     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on both sides – upstream pressure – ISO 7 Rp 1/4"   2     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on b		.)												
wylon adjustment knob   P     Go cap (adjustment screw with cover)   T     Gauge port options   X     Triclamp gauge ports   X     Triclamp gauge port on the right side (rel. to the flow direction) – upstream pressure   7     Fincalamg gauge port on the right side (rel. to the flow direction) – upstream pressure   6     Triclamp gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   W     Carbot contine to the flow direction – upstream pressure – 1/4" NPT   W <	· · · ·													
T   T     Gauge port options   X     Wihout gauge ports   X     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   6     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   6     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Standard surface finish a)   X   Y     Other the asset of the as	•							· ·						
Gauge port options   X     Without gauge ports   X     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   6     Tri-clamp gauge port on ber right side (rel. to the flow direction) – upstream pressure   5     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   2     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   2     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – I/4" NPT   Withore digauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   2     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both														
Without gauge ports   X     Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   7     Fri-clamp gauge port on both sides – upstream pressure   6     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on both sides – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – I/4" NPT   Y     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT														
Tri-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure   7     Fin-clamp gauge port on the right side (rel. to the flow direction) – upstream pressure   6     Fin-clamp gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – I/4" NPT   2     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   2     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   7     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   7     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   7     Standard surface finish   X   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Z     Standard surface finish a)   Standard surfaces (SF1)   P     Electropolished internal wetted parts (SF5)   X   Y     Camp ferrule ASME BPE   D   D     Clamp ferrule ASME BPE   El   D									x	1				
ri-clamp gauge port on the right side (rel. to the flow direction) – upstream pressure 6 fri-clamp gauge port on both sides – upstream pressure 5 fhreaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4" 4 Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4" 3 fhreaded gauge port on both sides – upstream pressure – ISO 7 Rp 1/4" 7 fhreaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT 7 fhreaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT 7 fhreaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT 7 fhreaded gauge port on both sides – upstream pressure – 1/4" NPT 7 Threaded gauge port on both sides – upstream pressure – 1/4" NPT 7 Standard surface finish 7 Standard surface finish 7 Standard surface finish 7 Standard surface finish 7 Clamp ferrule ISN (DIN 32676-A) Clamp ferrule ISN (DIN 32676-A) Clamp ferrule ISN (DIN 32676-A) Clamp ferrule ISN (DIN 32676-B) F Clamp ferrule ISN (DIN 32676-B) Tube weld (ETO) according to DIN 11866-A (DIN 11850-2) F F Fube weld (ETO) according to DIN 11866-A (DIN 11850-2) F F F F Size 0 N 08 N 08 N 08 N 00 Size 0 Size		ire												
Tri-clamp gauge port on both sides – upstream pressure   5     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on ble sides – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on bhe sides – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on bhe left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded gauge port on bhe left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bhe sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bhe sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bhe sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on bhe sides – upstream pressure – 1/4" NPT   Z     Standard surface finish a)   X   P     Standard surface finish   X   P     Electropolished internal wetted parts (SF5)   E   D     Special features   O   O     One   Y   O   D     Clamp ferrule SNE BPE   D   F   E     Tube weld (ETO) according t										1				
Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   4     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT   Y     Standard surface finish   X   X     Mirror mechanical polished external surfaces (SF1)   P     Electropolished internal wetted parts (SF5)   E     Special features   X     Oegreessed for oxygen   X     Clamp ferrule ASME BPE   D     Clamp ferrule ISO (DIN 32676-A)   E     Clamp ferrule ISO (DIN 32676-B)   F     Tube weld (ETO) according to DIN 11860-2)   F     Tube weld (ETO) according to DIN 11860-4 (DIN 11850-2)   F     Tube weld (ETO) according to DIN 11860-8 (ISO 1127)   F									-	1				
Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – ISO 7 Rp 1/4"   3     Threaded gauge port on both sides – upstream pressure – ISO 7 Rp 1/4"   2     Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT   W     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Threaded gauge port on both sides – upstream pressure – 1/4" NPT   Y     Standard surface finish   X     Alirror mechanical polished external surfaces (SF1)   P     Electropolished internal wetted parts (SF5)   E     None   X     O   Pipe connection   D     Clamp ferrule ASME BPE   D     Clamp ferrule ISO (DIN 32676-A)   E   DI     Claup ferrule ISO (DIN 32676-B)   E   DI     Fube weld (ETO) according to DIN 11860-A (DIN 11850-2)   FI   E     DN 10   Size   DI   10 <t< td=""><td></td><td>ıre – ISO</td><td>7 Rp</td><td>1/4"</td><td></td><td></td><td></td><td></td><td>4</td><td>1</td><td></td><td></td><td></td><td></td></t<>		ıre – ISO	7 Rp	1/4"					4	1				
Special real     X       Pireaded gauge port on both sides – upstream pressure – I/4" NPT     Y       Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT     Y       Threaded gauge port on the right side (rel. to the flow direction) – upstream pressure – 1/4" NPT     Y       Threaded gauge port on both sides – upstream pressure – 1/4" NPT     Y       Threaded gauge port on both sides – upstream pressure – 1/4" NPT     Y       Threaded gauge port on both sides – upstream pressure – 1/4" NPT     Y       Threaded gauge port on both sides – upstream pressure – 1/4" NPT     Y       Threaded gauge port on both sides – upstream pressure – 1/4" NPT     Y       Standard surface finish     X       Mirror mechanical polished external surfaces (SF1)     P       Electropolished internal wetted parts (SF5)     E       None     X       Opegreased for oxygen     0       Diamp ferrule ASME BPE     D       Clamp ferrule ISO (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-A)     F       Tube weld (ETO) according to DIN 11866-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11866-B (ISO 1127)     EI       DN 10     10 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td>1</td> <td></td> <td></td> <td></td> <td></td>									3	1				
Price     NPT     W       Threaded gauge port on the left side (rel. to the flow direction) – upstream pressure – 1/4" NPT     Y     Z       Surface finish a)     Z     Surface finish a)     Z       Standard surface finish     N     P     P       Electropolished external surfaces (SF1)     P     P     P       Electropolished internal wetted parts (SF5)     E     No     No       Surface finish     X     P     P       Electropolished internal wetted parts (SF5)     E     No     No       Surface finish     X     P     P     P       Electropolished internal wetted parts (SF5)     E     X     P       Surface finish     X     P     P     P       Electropolished internal wetted parts (SF5)     E     X     P       Clamp ferrule ASME BPE     V     O     P       Clamp ferrule ISO (DIN 32676-A)     F     E     D       Clamp ferrule ISO (DIN 32676-B)     E     D     D       Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)     T     D									2	1				
Surface finish a)     X       Standard surface finish A)     X       Mirror mechanical polished external surfaces (SF1)     P       Electropolished internal wetted parts (SF5)     E       Some     X       Opegreased for oxygen     0       Pipe connection     X       Clamp ferrule DIN (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     F       Standard (ETO) according to DIN 11860-A (DIN 11850-2)     F       No 8     F       No 8     5       No 10     5       V2" or DN 15     5       V3" or DN 20     70       Y3" or DN 20     20       Y3" or DN 20     20       Y3" or DN 25     20       Y4" or DN 20     20       Y6" or DN 25     20       Y6" or DN 26     20		ure – 1/4"	NPT						w	1				
Surface finish a)     X       Standard surface finish     X       Mirror mechanical polished external surfaces (SF1)     P       Electropolished internal wetted parts (SF5)     E       Special features     X       None     X       O     V       Degreased for oxygen     0       Clamp ferrule ASME BPE     D       Clamp ferrule IN (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     E       Clump ferrule ISO (DIN 32676-B)     E       Clump ferrule ISO (DIN 32676-B)     F       Clump ferrule ISO (DIN 32676-B)     E       Clube weld (ETO) according to DIN 11866-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11866-B (ISO 1127)     E       Size     00       ON 08     08       ON 10     100       1/2" or DN 15     15       O/4" or DN 20     20       I" or DN 25     20       Special valves / Extras     20	Threaded gauge port on the right side (rel. to the flow direction) - upstream press	sure – 1/4	" NP	Г					Y	1				
Standard surface finish     X       Mirror mechanical polished external surfaces (SF1)     P       E     Special features       Super Special features     X       Obegreased for oxygen     0       Pipe connection     0       Clamp ferrule ASME BPE     D       Clamp ferrule INI (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     E       Fube weld (ETO) according to ASME BPE     D       Club weld (ETO) according to DIN 11866-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11866-B (ISO 1127)     E       Size     0       N0 8     0       N0 10     10       1/2" or DN 15     10       1/2" or DN 15     15       3/4" or DN 20     20       1" or DN 25     20       Special valves / Extras     20	Threaded gauge port on both sides – upstream pressure – 1/4" NPT								Z	1				
P     P       Electropolished internal wetted parts (SF5)     E       Special features     X       Oegreased for oxygen     X       Oegreased for oxygen     0       Pipe connection     D       Clamp ferrule ASME BPE     D       Clamp ferrule ISO (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     E       Club weld (ETO) according to ASME BPE     DI       Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11866-B (ISO 1127)     EI       Size     D       DN 10     10       1/2" or DN 15     10       1/2" or DN 15     15       O/4" or DN 20     20       "or ON 25     20       Special valves / Extras     20	Surface finish a)													
Electropolished internal wetted parts (SF5)     E       Special features     X       Oegreased for oxygen     0       Degreased for oxygen     0       Pipe connection     0       Clamp ferrule ASME BPE     D       Clamp ferrule ISO (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     E       Fube weld (ETO) according to ASME BPE     DI       Fube weld (ETO) according to DIN 11860-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11860-B (ISO 1127)     EI       Size     D8       DN 10     10       1/2" or DN 15     15       3/4" or DN 20     20       I" or DN 25     20       Special valves / Extras     20	Standard surface finish									X	]			
Special features     None   X     Degreased for oxygen   0     Pipe connection   0     Clamp ferrule ASME BPE   D     Clamp ferrule ISO (DIN 32676-A)   F     Clamp ferrule ISO (DIN 32676-B)   E     Fube weld (ETO) according to ASME BPE   DI     Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)   FI     Fube weld (ETO) according to DIN 11866-B (ISO 1127)   EI     Size   08     DN 08   08     DN 10   10     1/2" or DN 15   15     3/4" or DN 20   20     I" or DN 25   Special valves / Extras	Mirror mechanical polished external surfaces (SF1)									Ρ	]			
None     X     X       Degreased for oxygen     0       Pipe connection     0       Clamp ferrule ASME BPE     D       Clamp ferrule DIN (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     E       Fube weld (ETO) according to ASME BPE     DI       Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11866-B (ISO 1127)     EI       Size     01       10     10       1/2" or DN 15     10       1/2" or DN 15     15       3/4" or DN 20     20       1" or DN 25     20       Special valves / Extras     20	Electropolished internal wetted parts (SF5)													
Opegreased for oxygen     O       Pipe connection     D       Clamp ferrule ASME BPE     D       Clamp ferrule DIN (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     F       Fube weld (ETO) according to ASME BPE     DI       Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11866-B (ISO 1127)     FI       Size     DI       DN 08     08       DN 10     10       1/2" or DN 15     15       3/4" or DN 20     15       1" or DN 25     20       Special valves / Extras     20	Special features													
Pipe connection     D       Clamp ferrule ASME BPE     D       Clamp ferrule DIN (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     E       Fube weld (ETO) according to ASME BPE     DI       Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11866-B (ISO 1127)     EI       Size     08       DN 08     08       DN 10     10       1/2" or DN 15     15       3/4" or DN 20     20       "or DN 25     Special valves / Extras	None										X			
Clamp ferrule ASME BPE     D       Clamp ferrule DIN (DIN 32676-A)     F       Clamp ferrule ISO (DIN 32676-B)     E       Tube weld (ETO) according to ASME BPE     DI       Fube weld (ETO) according to DIN 11860-A (DIN 11850-2)     FI       Fube weld (ETO) according to DIN 11860-B (ISO 1127)     EI       Size     08       DN 08     08       DN 10     10       1/2" or DN 15     15       3/4" or DN 20     20       1" or DN 25     Special valves / Extras	Degreased for oxygen										0			
Clamp ferrule DIN (DIN 32676-A)   F     Clamp ferrule ISO (DIN 32676-B)   E     Fube weld (ETO) according to ASME BPE   DI     Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)   FI     Fube weld (ETO) according to DIN 11866-B (ISO 1127)   EI     Size   08     DN 08   08     DN 10   10     1/2" or DN 15   15     3/4" or DN 20   20     1" or DN 25   Special valves / Extras	•													
Clamp ferrule ISO (DIN 32676-B)   E     Fube weld (ETO) according to ASME BPE   DI     Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)   FI     Fube weld (ETO) according to DIN 11866-B (ISO 1127)   EI     Size   08     DN 08   08     DN 10   10     I/2" or DN 15   15     3/4" or DN 20   20     I" or DN 25   Special valves / Extras	•													
Tube weld (ETO) according to ASME BPE   DI     Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)   FI     Fube weld (ETO) according to DIN 11866-B (ISO 1127)   EI     Size   08     DN 08   08     DN 10   10     I/2" or DN 15   15     B/4" or DN 20   20     I" or DN 25   25     Special valves / Extras   25														
Fube weld (ETO) according to DIN 11866-A (DIN 11850-2)   FI     Fube weld (ETO) according to DIN 11866-B (ISO 1127)   EI     Size     DN 08   08     DN 10   10     1/2" or DN 15   15     3/4" or DN 20   20     "or DN 25   25     Special valves / Extras														
Fube weld (ETO) according to DIN 11866-B (ISO 1127)   EI     Size   08     DN 08   08     DN 10   10     1/2" or DN 15   15     3/4" or DN 20   20     1" or DN 25   25     Special valves / Extras												<u> </u>		
Size     08       DN 08     08       DN 10     10       1/2" or DN 15     15       3/4" or DN 20     20       " or DN 25     25       Special valves / Extras														
DN 08   08     DN 10   10     1/2" or DN 15   15     3/4" or DN 20   20     " or DN 25   25     Special valves / Extras												E		
DN 10   10     //2" or DN 15   15     3/4" or DN 20   20     1" or DN 25   25     Special valves / Extras									_				00	-
1/2" or DN 15   15     3/4" or DN 20   20     1" or DN 25   25     Special valves / Extras														-
3/4" or DN 20     20       " or DN 25     25       Special valves / Extras     25														-
" or DN 25 25 Special valves / Extras														-
Special valves / Extras														-
													25	
														E

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

