

PROCESS VALVES

A
B
C
D
E
F
G
H
I
J

A 005

Shut Off 90 Valve Body

A 010

Shut Off 90 Valve Body
Tang. Right

A 015

Shut Off 90 Valve Body
Tang. Left

A 020

Shut Off 90 A12 Valve Body
Ecc. Inlet

A 025

Shut Off 90 A19 Valve Body
Ecc. Inlet

A 035

Shut Off 90 A12 Valve Body
Ecc. Inlet - Tang. Right

A 040

Shut Off 90 A19 Valve Body
Ecc. Inlet - Tang. Right

A 050

Shut Off 90 A12 Valve Body
Ecc. Inlet - Tang. Left

A 055

Shut Off 90 A19 Valve Body
Ecc. Inlet - Tang. Left

A 065

Shut Off 180 Valve Body

A 070

Shut Off 180 Valve Body
Tang. Right

A 075

Shut Off 180 Valve Body
Tang. Left

A 080

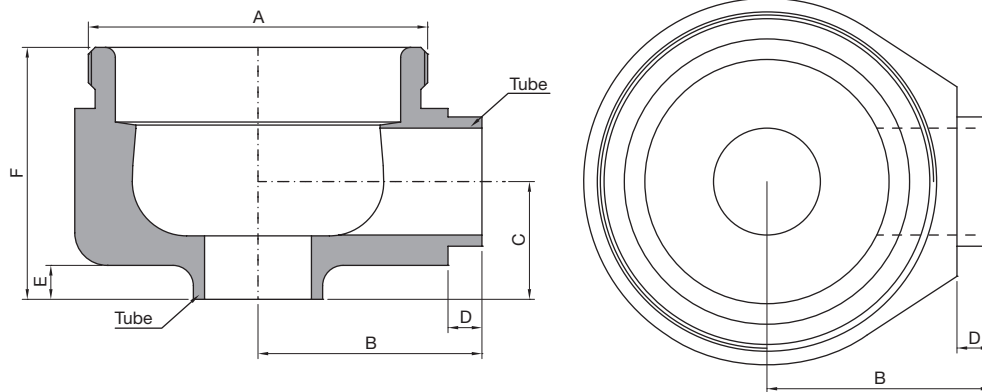
Flow Through 180
Valve Body

A 105

Flow Through 90
Valve Body

TECHNICAL INFORMATION _ CAT. N. YPRO SOCL 0000 A##00

SHUT OFF 90 VALVE BODY



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SOCL - Shut Off Valves for SAFE areas designed to intercept flow pattern. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	TUBE* mm (inch)
YPRO-SOCL-0000-A1200	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	30,50 (1,20)	12,70x1,65 (0,50x0,065)
YPRO-SOCL-0000-A1900	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,31)	40,00 (1,58)	19,05x1,65 (0,75x0,065)
YPRO-SOCL-0000-A2500	M70x1	47,00 (1,85)	25,00 (0,98)	5,00 (0,20)	10,00 (0,39)	51,00 (2,01)	25,40x1,65 (1,00x0,065)
YPRO-SOCL-0000-A3800	M80x1,5	60,00 (2,36)	34,00 (1,34)	21,00 (0,83)	11,00 (0,43)	70,00 (2,76)	38,10x1,65 (1,50x0,065)
YPRO-SOCL-0000-A5000	M103x1,5	75,00 (2,95)	40,00 (1,58)	24,00 (0,95)	24,00 (0,95)	84,00 (3,31)	50,80x1,65 (2,00x0,065)
YPRO-SOCL-0000-A6300	M120x1,5	85,00 (3,35)	59,00 (2,32)	24,00 (0,95)	12,00 (0,47)	108,50 (4,27)	63,50x1,65 (2,50x0,065)
YPRO-SOCL-0000-A7600	M140x1,5	95,00 (3,74)	68,00 (2,68)	26,00 (1,02)	26,00 (1,02)	129,50 (5,10)	76,20x1,65 (3,00x0,065)

(*) US Tube ASTM® A269/270 – ASME BPE

SPECIFICATION:

CAD SIZE	A12	A19	A25	A38	A50	A63	A76
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NET VOLUME ⁽¹⁾	ml	2,86	10,23	32,14	86,89	208,58	302,03	533,33
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
 External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elektropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

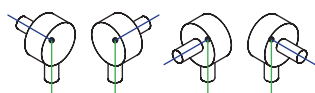
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

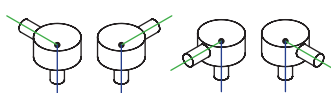
Options: For non-standard CAD Valve body Options, please contact us for further information.

Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

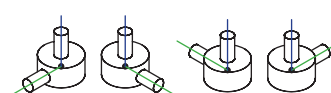
Horizontal Assembly



Vertical Assembly

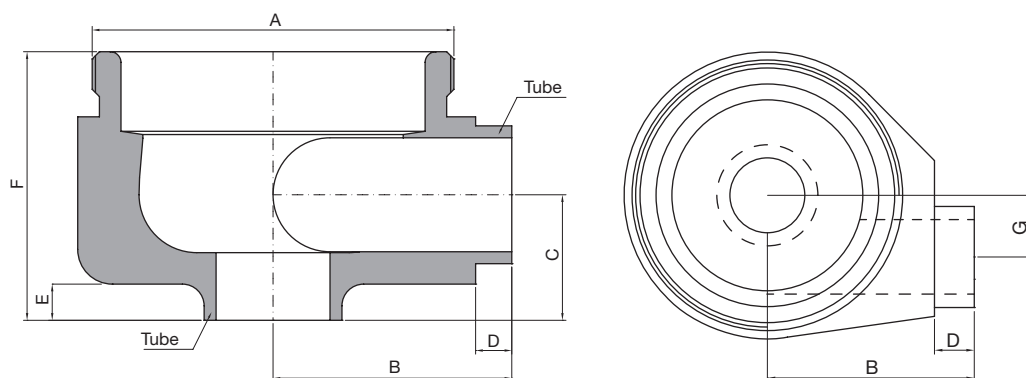


Upside-Down Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SORL 0000 A##00

SHUT OFF 90 VALVE BODY TANG. RIGHT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SOCL - Shut Off Valves for SAFE areas designed to intercept flow pattern and reach the optimal drainability in the horizontal valve assembly with horizontal outlet. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE* mm (inch)
YPRO-SORL-0000-A1200	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	30,50 (1,20)	8,00 (0,32)	12,70x1,65 (0,50x0,065)
YPRO-SORL-0000-A1900	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,31)	40,00 (1,58)	11,00 (0,43)	19,05x1,65 (0,75x0,065)
YPRO-SORL-0000-A2500	M70x1	47,00 (1,85)	25,00 (0,98)	5,00 (0,20)	10,00 (0,39)	51,00 (2,01)	17,00 (0,67)	25,40x1,65 (1,00x0,065)
YPRO-SORL-0000-A3800	M80x1,5	60,00 (2,36)	34,00 (1,34)	21,00 (0,83)	11,00 (0,43)	70,00 (2,76)	19,00 (0,75)	38,10x1,65 (1,50x0,065)
YPRO-SORL-0000-A5000	M103x1,5	75,00 (2,95)	40,00 (1,58)	24,00 (0,95)	12,00 (0,47)	84,00 (3,31)	25,00 (0,98)	50,80x1,65 (2,00x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A12	A19	A25	A38	A50		
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NET VOLUME ⁽¹⁾	ml	2,86	10,23	32,14	86,89	208,58	
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16µin)
External surface $Ra \leq 0.5\mu m$ (20µin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

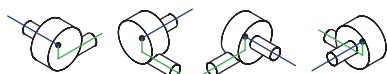
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

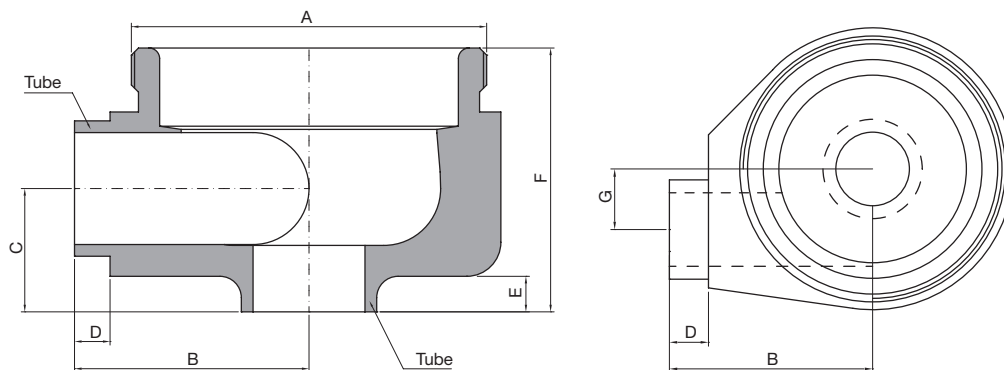
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SOLL 0000 A##00

SHUT OFF 90 VALVE BODY TANG. LEFT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SOLL - Shut Off Valves for SAFE areas designed to intercept flow pattern and reach the optimal drainability in the horizontal valve assembly with horizontal outlet. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE* mm (inch)
YPRO-SOLL-0000-A1200	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	30,50 (1,20)	8,00 (0,32)	12,70x1,65 (0,50x0,065)
YPRO-SOLL-0000-A1900	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,31)	40,00 (1,58)	11,00 (0,43)	19,05x1,65 (0,75x0,065)
YPRO-SOLL-0000-A2500	M70x1	47,00 (1,85)	25,00 (0,98)	5,00 (0,20)	10,00 (0,39)	51,00 (2,01)	17,00 (0,67)	25,40x1,65 (1,00x0,065)
YPRO-SOLL-0000-A3800	M80x1,5	60,00 (2,36)	34,00 (1,34)	21,00 (0,83)	11,00 (0,43)	70,00 (2,76)	19,00 (0,75)	38,10x1,65 (1,50x0,065)
YPRO-SOLL-0000-A5000	M103x1,5	75,00 (2,95)	40,00 (1,58)	24,00 (0,95)	12,00 (0,47)	84,00 (3,31)	25,00 (0,98)	50,80x1,65 (2,00x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A12	A19	A25	A38	A50		
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NET VOLUME ⁽¹⁾	ml	2,86	10,23	32,14	86,89	208,58	
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
 External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

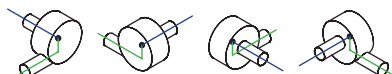
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

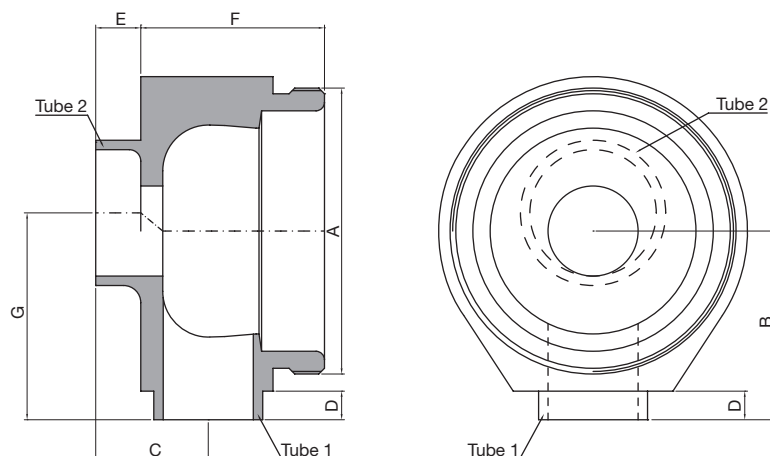
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SACL 0000 A12##

SHUT OFF 90 A12 VALVE BODY ECC. INLET



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SACL - Shut Off Valves for SAFE areas designed to intercept flow pattern when the valve body has to be connected on a bigger pipe size, such as on the CIP/SIP for tank bottom valve. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE 1 mm (inch)	TUBE 2 mm (inch)
YPRO-SACL-0000-A1219	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	29,00 (1,14)	12,70x1,65 (0,50x0,065)	19,05x1,65 (0,75x0,065)
YPRO-SACL-0000-A1225	M34x1	26,00 (1,02)	20,00 (0,79)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	32,00 (1,26)	12,70x1,65 (0,50x0,065)	25,40x1,65 (1,00x0,065)
YPRO-SACL-0000-A1238	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	39,00 (1,54)	12,70x1,65 (0,50x0,065)	38,10x1,65 (1,50x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A1219	A1225	A1238				
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NET VOLUME ⁽¹⁾	ml	2,86	2,86	2,86			
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
 External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

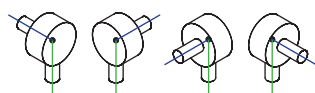
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

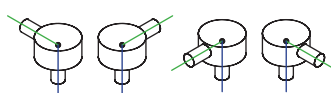
Options: For non-standard CAD Valve body Options, please contact us for further information.

Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly

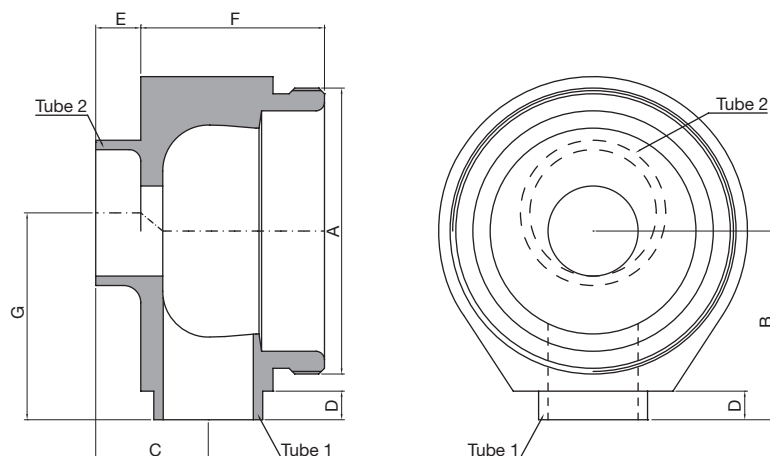


Vertical Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SACL 0000 A19##

SHUT OFF 90 A19 VALVE BODY ECC. INLET



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SACL - Shut Off Valves for SAFE areas designed to intercept flow pattern when the valve body has to be connected on a bigger pipe size, such as on the CIP/SIP for tank bottom valve. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE 1 mm (inch)	TUBE 2 mm (inch)
YPRO-SACL-0000-A1925	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	36,00 (1,42)	19,05x1,65 (0,75x0,065)	25,40x1,65 (1,00x0,065)
YPRO-SACL-0000-A1938	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	42,50 (1,67)	19,05x1,65 (0,75x0,065)	38,10x1,65 (1,50x0,065)
YPRO-SACL-0000-A1950	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	49,00 (1,93)	19,05x1,65 (0,75x0,065)	50,80x1,65 (2,00x0,065)
YPRO-SACL-0000-A1963	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	55,00 (2,17)	19,05x1,65 (0,75x0,065)	63,50x1,65 (2,50x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A1925	A1938	A1950	A1963			
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NET VOLUME ⁽¹⁾	ml	10,23	10,23	10,23	10,23		
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
 External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

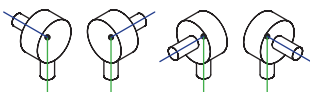
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

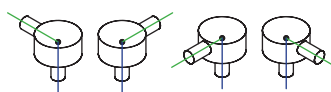
Options: For non-standard CAD Valve body Options, please contact us for further information.

Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly

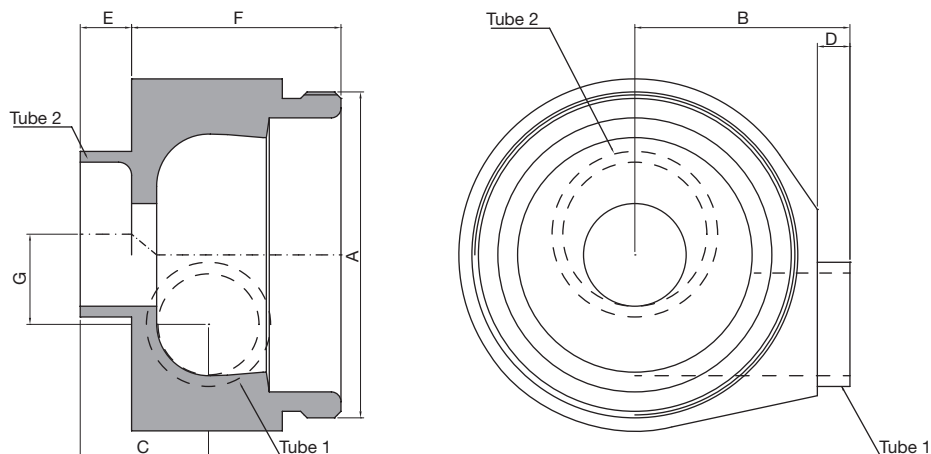


Vertical Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SARL 0000 A12##

SHUT OFF 90 A12 VALVE BODY ECC. INLET - TANG. RIGHT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

SARL - Shut Off Valves for SAFE areas designed to intercept flow pattern when the valve body has to be connected on a bigger pipe size and reach the optimal drainability in the horizontal valve assembly with horizontal outlet, such as on the downstream CIP/SIP through tank bottom valve. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE 1 mm (inch)	TUBE 2 mm (inch)
YPRO-SARL-0000-A1219	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	11,00 (0,43)	12,70x1,65 (0,50x0,065)	19,05x1,65 (0,75x0,065)
YPRO-SARL-0000-A1225	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	14,00 (0,55)	12,70x1,65 (0,50x0,065)	25,40x1,65 (1,00x0,065)
YPRO-SARL-0000-A1238	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	20,50 (0,81)	12,70x1,65 (0,50x0,065)	38,10x1,65 (1,50x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A1219	A1225	A1238				
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NET VOLUME ⁽¹⁾	ml	2,86	2,86	2,86			
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16µin)
External surface $Ra \leq 0.5\mu m$ (20µin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

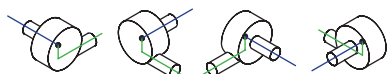
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

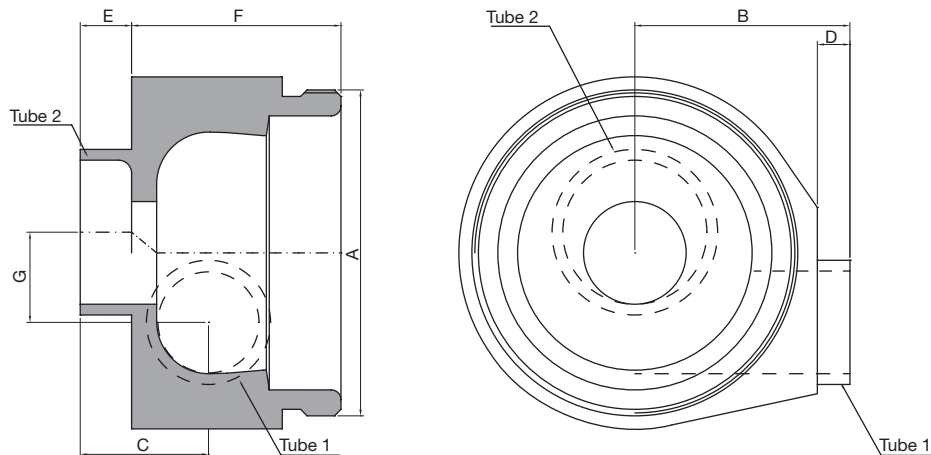
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SARL 0000 A19##

SHUT OFF 90 A19 VALVE BODY ECC. INLET - TANG. RIGHT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

SARL - Shut Off Valves for SAFE areas designed to intercept flow pattern when the valve body has to be connected on a bigger pipe size and reach the optimal drainability in the horizontal valve assembly with horizontal outlet, such as on the downstream CIP/SIP through tank bottom valve. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE 1 mm (inch)	TUBE 2 mm (inch)
YPRO-SARL-0000-A1925	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	14,00 (0,55)	19,05x1,65 (0,75x0,065)	25,40x1,65 (1,00x0,065)
YPRO-SARL-0000-A1938	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	20,00 (0,79)	19,05x1,65 (0,75x0,065)	38,10x1,65 (1,50x0,065)
YPRO-SARL-0000-A1950	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	26,50 (1,04)	19,05x1,65 (0,75x0,065)	50,80x1,65 (2,00x0,065)
YPRO-SARL-0000-A1963	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	33,00 (1,30)	19,05x1,65 (0,75x0,065)	63,50x1,65 (2,50x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A1925	A1938	A1950	A1963			
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NET VOLUME ⁽¹⁾	ml	10,23	10,23	10,23	10,23		
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

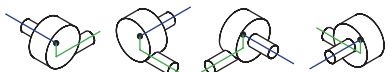
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

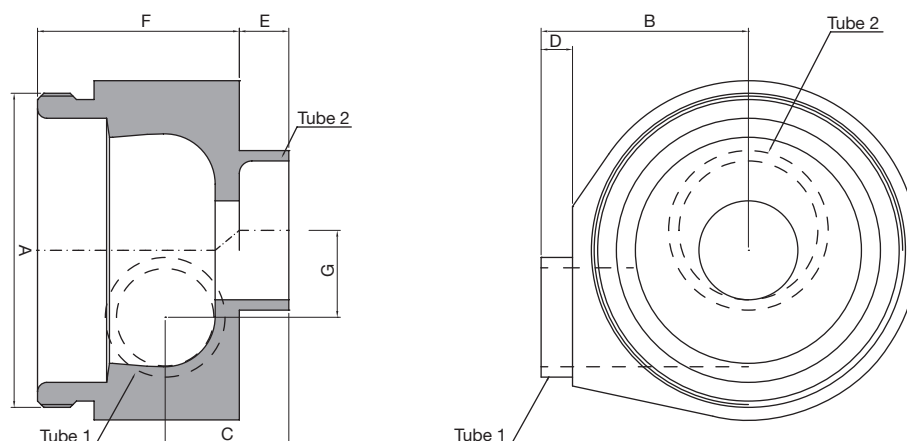
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SALL 0000 A12##

SHUT OFF 90 A12 VALVE BODY ECC. INLET - TANG. LEFT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

SARL - Shut Off Valves for SAFE areas designed to intercept flow pattern when the valve body has to be connected on a bigger pipe size and reach the optimal drainability in the horizontal valve assembly with horizontal outlet, such as on the downstream CIP/SIP through tank bottom valve. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE 1 mm (inch)	TUBE 2 mm (inch)
YPRO-SALL-0000-A1219	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	11,00 (0,43)	12,70x1,65 (0,50x0,065)	19,05x1,65 (0,75x0,065)
YPRO-SALL-0000-A1225	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	14,00 (0,55)	12,70x1,65 (0,50x0,065)	25,40x1,65 (1,00x0,065)
YPRO-SALL-0000-A1238	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	23,00 (0,91)	20,50 (0,81)	12,70x1,65 (0,50x0,065)	38,10x1,65 (1,50x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A1219	A1225	A1238				
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NET VOLUME ⁽¹⁾	ml	2,86	2,86	2,86			
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16µin)
External surface $Ra \leq 0.5\mu m$ (20µin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

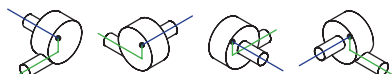
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

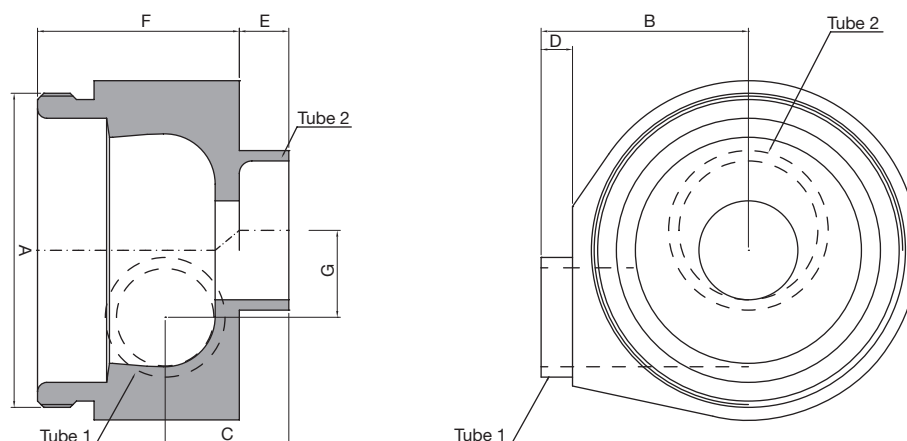
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SALL 0000 A19##

SHUT OFF 90 A19 VALVE BODY ECC. INLET - TANG. LEFT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

SALL - Shut Off Valves for SAFE areas designed to intercept flow pattern when the valve body has to be connected on a bigger pipe size and reach the optimal drainability in the horizontal valve assembly with horizontal outlet, such as on the downstream CIP/SIP through tank bottom valve. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE 1 mm (inch)	TUBE 2 mm (inch)
YPRO-SALL-0000-A1925	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	14,00 (0,55)	19,05x1,65 (0,75x0,065)	25,40x1,65 (1,00x0,065)
YPRO-SALL-0000-A1938	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	20,00 (0,79)	19,05x1,65 (0,75x0,065)	38,10x1,65 (1,50x0,065)
YPRO-SALL-0000-A1950	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	26,50 (1,04)	19,05x1,65 (0,75x0,065)	50,80x1,65 (2,00x0,065)
YPRO-SALL-0000-A1963	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,32)	32,00 (1,26)	33,00 (1,30)	19,05x1,65 (0,75x0,065)	63,50x1,65 (2,50x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A1925	A1938	A1950	A1963			
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NET VOLUME ⁽¹⁾	ml	10,23	10,23	10,23	10,23		
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

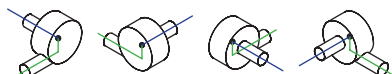
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

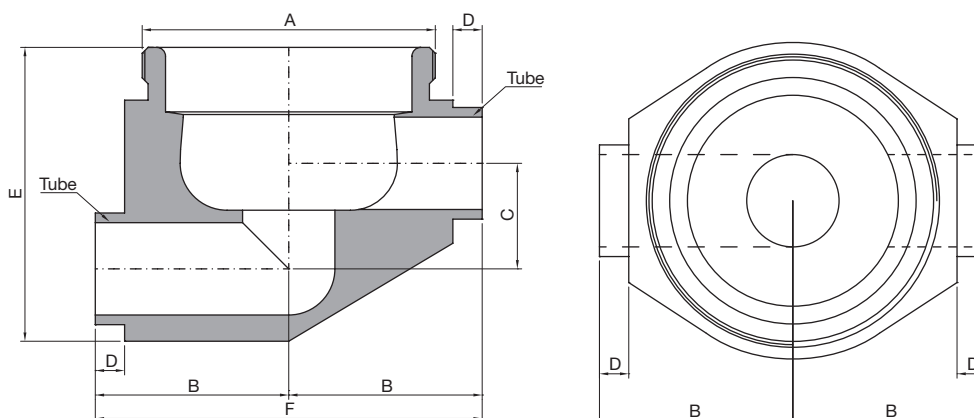
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SOCI 0000 A##00

SHUT OFF 180 VALVE BODY



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SOCI - Shut Off 180° Valves are designed with the aim to intercept flow pattern on pipe for SAFE areas. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	TUBE* mm (inch)
YPRO-SOCI-0000-A1200	M34x1	26,00 (1,02)	12,00 (0,47)	5,00 (0,20)	35,00 (1,38)	52,00 (2,05)	12,70x1,65 (0,50x0,065)
YPRO-SOCI-0000-A1900	M50x1	33,00 (1,30)	18,00 (0,71)	5,00 (0,20)	50,00 (1,97)	66,00 (2,59)	19,05x1,65 (0,75x0,065)
YPRO-SOCI-0000-A2500	M70x1	47,00 (1,85)	24,50 (0,97)	5,00 (0,20)	66,00 (2,60)	94,00 (3,70)	25,40x1,65 (1,00x0,065)
YPRO-SOCI-0000-A3800	M80x1,5	60,00 (2,36)	37,00 (1,46)	21,00 (0,83)	96,00 (3,78)	120,00 (4,72)	38,10x1,65 (1,50x0,065)
YPRO-SOCI-0000-A5000	M103x1,5	75,00 (2,95)	50,00 (1,97)	24,00 (0,95)	122,00 (4,80)	150,00 (5,91)	50,80x1,65 (2,00x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A12	A19	A25	A38	A50	A63	A76
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NET VOLUME ⁽¹⁾	ml	2,86	10,23	32,14	86,89	208,58	302,03	533,33
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

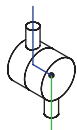
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

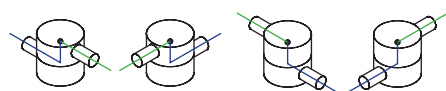
Options: For non-standard CAD Valve body Options, please contact us for further information.

Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly

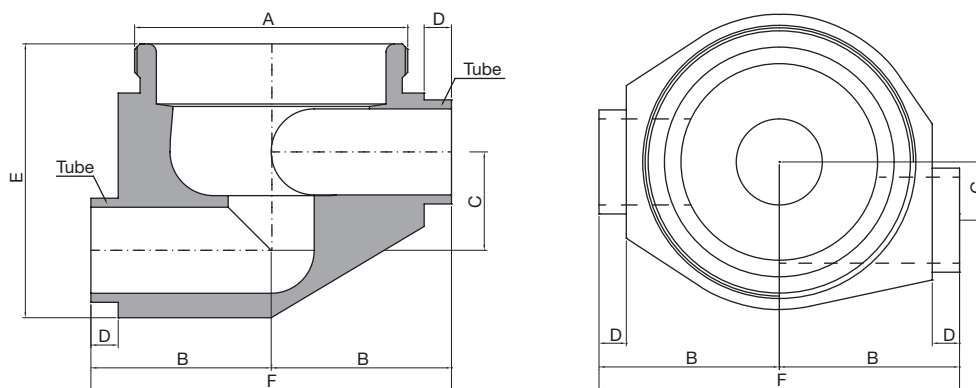


Vertical Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SORI 0000 A##00

SHUT OFF 180 VALVE BODY TANG. RIGHT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SORI - Shut Off 180° Valves are designed with the aim to intercept flow pattern on pipe for SAFE areas and reach the optimal drainability in the horizontal valve assembly with horizontal outlet. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE* mm (inch)
YPRO-SORI-0000-A1200	M34x1	26,00 (1,02)	12,00 (0,47)	5,00 (0,20)	35,00 (1,38)	52,00 (2,05)	8,00 (0,32)	12,70x1,65 (0,50x0,065)
YPRO-SORI-0000-A1900	M50x1	33,00 (1,30)	18,00 (0,71)	5,00 (0,20)	50,00 (1,97)	66,00 (2,59)	11,00 (0,43)	19,05x1,65 (0,75x0,065)
YPRO-SORI-0000-A2500	M70x1	47,00 (1,85)	24,50 (0,97)	5,00 (0,20)	66,00 (2,60)	94,00 (3,70)	17,00 (0,67)	25,40x1,65 (1,00x0,065)
YPRO-SORI-0000-A3800	M80x1,5	60,00 (2,36)	37,00 (1,46)	21,00 (0,83)	96,00 (3,78)	120,00 (4,72)	19,00 (0,75)	38,10x1,65 (1,50x0,065)
YPRO-SORI-0000-A5000	M103x1,5	75,00 (2,95)	50,00 (1,97)	24,00 (0,95)	122,00 (4,80)	150,00 (5,91)	25,00 (0,98)	50,80x1,65 (2,00x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A12	A19	A25	A38	A50		
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NET VOLUME ⁽¹⁾	ml	2,86	10,23	32,14	86,89	208,58	
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16µin)
External surface $Ra \leq 0.5\mu m$ (20µin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

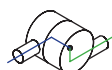
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Shut Off bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

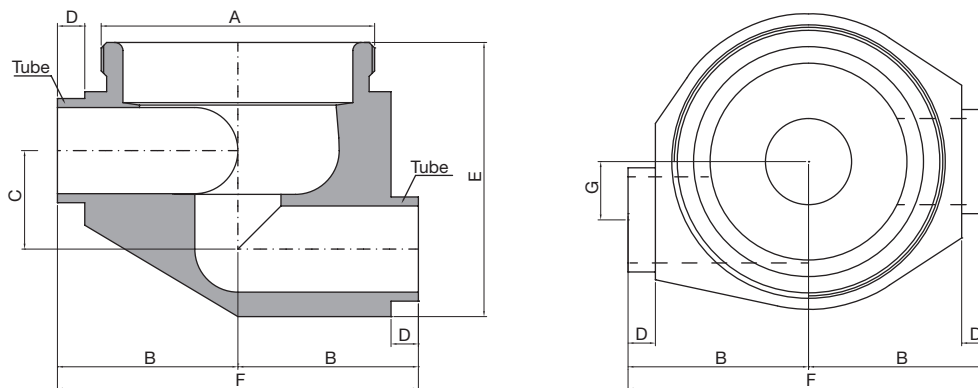
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO SOLI 0000 A##00

SHUT OFF 180 VALVE BODY TANG. LEFT



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO - SOLI - Shut Off 180° Valves are designed with the aim to intercept flow pattern on pipe for SAFE areas and reach the optimal drainability in the horizontal valve assembly with horizontal outlet.. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	G mm (inch)	TUBE* mm (inch)
YPRO-SOLI-0000-A1200	M34x1	26,00 (1,02)	12,00 (0,47)	5,00 (0,20)	35,00 (1,38)	52,00 (2,05)	8,00 (0,32)	12,70x1,65 (0,50x0,065)
YPRO-SOLI-0000-A1900	M50x1	33,00 (1,30)	18,00 (0,71)	5,00 (0,20)	50,00 (1,97)	66,00 (2,59)	11,00 (0,43)	19,05x1,65 (0,75x0,065)
YPRO-SOLI-0000-A2500	M70x1	47,00 (1,85)	24,50 (0,97)	5,00 (0,20)	66,00 (2,60)	94,00 (3,70)	17,00 (0,67)	25,40x1,65 (1,00x0,065)
YPRO-SOLI-0000-A3800	M80x1,5	60,00 (2,36)	37,00 (1,46)	21,00 (0,83)	96,00 (3,78)	120,00 (4,72)	19,00 (0,75)	38,10x1,65 (1,50x0,065)
YPRO-SOLI-0000-A5000	M103x1,5	75,00 (2,95)	50,00 (1,97)	24,00 (0,95)	122,00 (4,80)	150,00 (5,91)	25,00 (0,98)	50,80x1,65 (2,00x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A12	A19	A25	A38	A50		
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NET VOLUME ⁽¹⁾	ml	2,86	10,23	32,14	86,89	208,58	
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Application Areas: SAFE

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: ShutOff bodies are available also to 180°, tangential outlet Left or Right

Options: For non-standard CAD Valve body Options, please contact us for further information.

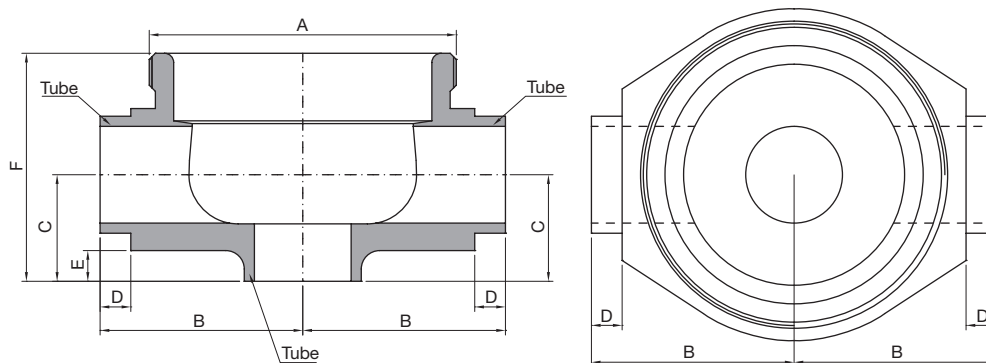
Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO FTCl 0000 A##00

FLOW THROUGH 180 VALVE BODY



Clean and Aseptic Valves of CAD Product Line have simple and safe design, with their full drainability, without asymptotic seal and dead leg, are offering fast cleanability and sterilization practices. They are designed to fulfil stringent demands of CIP-SIP and Production Cycles on Aseptic Processing.

YPRO – FTCl - Flow Through Valves are designed to have the body integrated on process piping with the aim to feed or take off fluids or gases from the process piping. Body shape and their internal design offer a very reliable component for Aseptic Processing Application. Standard version are short butt weld ends but, on demand, may be delivered for orbital welding or with Tri-Clamp connections.

CODE	A	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	TUBE* mm (inch)
YPRO-FTCl-0000-A1200	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	30,50 (1,20)	12,70x1,65 (0,50x0,065)
YPRO-FTCl-0000-A1900	M50x1	33,00 (1,30)	20,00 (0,79)	5,00 (0,20)	8,00 (0,31)	40,00 (1,58)	19,05x1,65 (0,75x0,065)
YPRO-FTCl-0000-A2500	M70x1	47,00 (1,85)	25,00 (0,98)	5,00 (0,20)	10,00 (0,39)	51,00 (2,01)	25,40x1,65 (1,00x0,065)
YPRO-FTCl-0000-A3800	M80x1,5	60,00 (2,36)	34,00 (1,34)	21,00 (0,83)	11,00 (0,43)	70,00 (2,76)	38,10x1,65 (1,50x0,065)
YPRO-FTCl-0000-A5000	M103x1,5	75,00 (2,95)	40,00 (1,58)	24,00 (0,95)	12,00 (0,47)	84,00 (3,31)	50,80x1,65 (2,00x0,065)
YPRO-FTCl-0000-A6300	M120x1,5	85,00 (3,35)	59,00 (2,32)	24,00 (0,95)	24,00 (0,95)	108,50 (4,27)	63,50x1,65 (2,50x0,065)
YPRO-FTCl-0000-A7600	M140x1,5	95,00 (3,74)	68,00 (2,68)	26,00 (1,02)	26,00 (1,02)	129,50 (5,10)	76,20x1,65 (3,00x0,065)

(*) US Tube ASTM® A269/270 - ASME BPE

SPECIFICATION:

CAD SIZE	A12	A19	A25	A38	A50	A63	A76
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NET VOLUME ⁽¹⁾	ml	2,86	10,23	32,14	86,89	208,58	302,03	533,33
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⁽¹⁾ Internal valve cavity only, with diaphragm on site

MATERIAL	1,4435-BN2 - Low Ferrite - Low Sulphur
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Design Temperature: -80 to 200 °C (-112 to 392 °F)

Design Pressure, Valve Body: -1 to 10 bar (-14.5 to 145 psi)

Note: The applied actuator and diaphragm may have different design temperature and/or pressure limits. The weakest component determines the maximum design temperature and pressure limits, when they are assembled.

Surface Roughness: Internal surface (manually polished) $Ra \leq 0.3\mu m$ (16 μin)
External surface $Ra \leq 0.5\mu m$ (20 μin)

Surface Treatment: Available also on EP version - Elettropolishing after manual polished

Labeling: Each valve body is labeled for full LOT traceability

Packaging: Valve body is sealed in plastic bags and packaged in a closed box with Operating and Maintenance bulletin, Certificate of Conformity and Materials Certification 3.1

Quality Control: Quality Assurance System guarantees the control and traceability of the product.

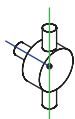
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Flow Tru bodies are available also to 90°, tangential outlet Left or Right

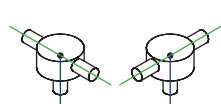
Options: For non-standard CAD Valve body Options, please contact us for further information.

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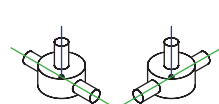
Horizontal Assembly



Vertical Assembly

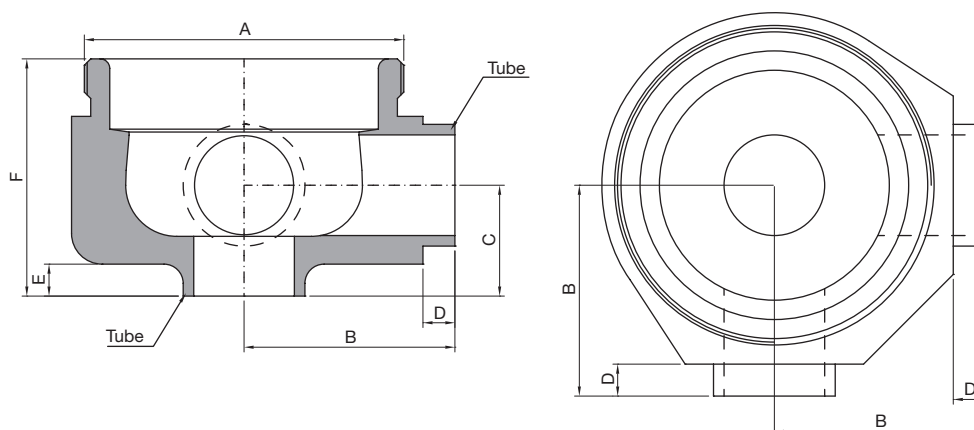


Upside-Down Assembly



TECHNICAL INFORMATION _ CAT. N. YPRO FTCL 0000 A##00

FLOW THROUGH 90 VALVE BODY



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YPRO-FTCL-0000-A1200	M34x1	26,00 (1,02)	15,00 (0,59)	5,00 (0,20)	7,30 (0,29)	30,50 (1,20)	12,70x1,65 (0,50x0,065)
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(*) US Tube ASTM® A269/270 - ASME BPE

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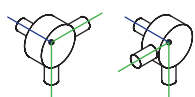
Rules Compliances: CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

Standard design: Flow Tru bodies are available also to 180°, tangential outlet Left or Right

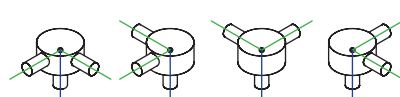
Options: For non-standard CAD Valve body Options, please contact us for further information.

Orders and Information: For additional information or to place a order call your nearest Distributor or visit www.rattiinox.com

Horizontal Assembly



Vertical Assembly



Upside-Down Assembly

