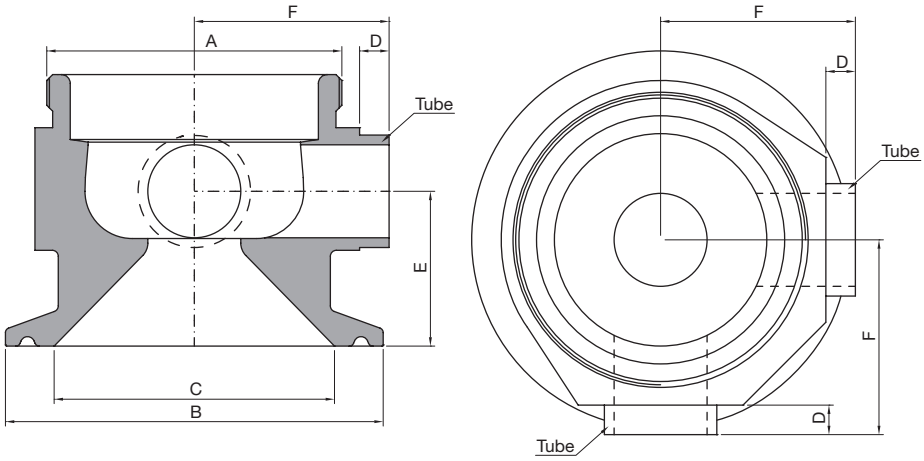
TECHNICAL INFORMATION _ **CAT. N. YT38 FTCL 0000 A##00**

# FLOW THROUGH 90
# 1”1/2 TC CONN. 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.

**YT38 - FTCL - Flow Through TC 1”1/2 Connectable Valves** for SAFE areas designed to feed or take off fluids or gases from the process piping or a vessel when TC connection is available. 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) |
|---|---|---|---|---|---|---|---|
| YT38-FTCL-0000-**A1200** | M34x1 | 50,40 (1,98) | 34,80 (1,37) | 5,00 (0,20) | 21,00 (0,83) | 26,00 (1,02) | 12,70x1,65 (0,50x0,065) |
| YT38-FTCL-0000-**A1900** | M50x1 | 50,40 (1,98) | 34,80 (1,37) | 5,00 (0,20) | 24,00 (0,95) | 33,00 (1,30) | 19,05x1,65 (0,75x0,065) |
| YT38-FTCL-0000-**A2500** | M70x1 | 50,40 (1,98) | 34,80 (1,37) | 5,00 (0,20) | 45,00 (1,77) | 47,00 (1,85) | 25,40x1,65 (1,00x0,065) |
| YT38-FTCL-0000-**A3800** | M80x1,5 | 50,40 (1,98) | 34,80 (1,37) | 21,00 (0,83) | 54,00 (2,13) | 60,00 (2,36) | 38,10x1,65 (1,50x0,065) |

(*) US Tube ASTM® A269/270 – ASME BPE

RATTIINOX
ASEPTIC EQUIPMENT - DESIGN & SUPPLIER

CAD
CLEAN & ASEPTIC DESIGN

## SPECIFICATION:

| CAD SIZE | | A12 | A19 | A25 | A38 | | | |
|---|---|---|---|---|---|---|---|---|
| NET VOLUME[1] | ml | 2,86 | 10,23 | 32,14 | 86,89 | | | |

[1] Internal valve cavity only, with diaphragm on site

| MATERIAL | 1,4435-BN2 - Low Ferrite - Low Sulphur |
|---|---|

**Environment Temperature:** -80 to 200 ºC (-112 to 392 ºF)

**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 ≤ 0.3µm (16µin)
External surface Ra ≤ 0.5µm (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.

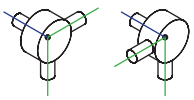
**Rules Compliances:** CAD valve are on going to be classified for PED Directive 97/23/EC and fulfill ASME BPE Standards

**Standard design:** TC connectable Shut Off bodies are available also tangential outlet Left or Right

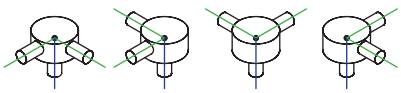
**Options:** For non-standard CAD Valve body Options, please contact us for further information.

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

Horizontal Assembly



Vertical Assembly



**Rattiinox s.r.l** Via Pietro Mascagni 10/12 22066 Mariano Comense (Como) Italy
T. +39.031.355126 info@rattiinox.com www.rattiinox.com