FU100 SERIES
FOR UNDERGROUND TANKS

Floating suction units allow the withdrawal of clean product just below the surface of the liquid. Floating Suction Units in all materials are suitable to be used in storage tanks ATEX Cat. 2 and 3.

Standards and regulations
- ASTM - ANSI - TTMA standards

Technical specifications
- Operating temperature: -15 / +65°C
- Operating pressure: 1 bar
- Test pressure: 3 bar
- Flow rate @2 m/sec:
  - 1½”  10 m³/h
  - 2”   15 m³/h
  - 3”   30 m³/h
  - 4”   60 m³/h
  - 6”   120 m³/h

Components description (standard version)
- Vertical pipe in aluminum alloy, inlet flange ANSI 150
- Swivel style F-40 in aluminum alloy, FKM seals
- Floating pipes in aluminum alloy
- Suction unit in aluminum alloy
- Strainer and anti-vortex device in stainless steel
- Float in aluminum alloy, single or double
- Control cable in stainless steel
Options and Accessories

- Carbon or stainless steel (mandatory for tanks ATEX Cat. 1)
- Inlet flange PN16 or other standards
- Bottom valve

Dimensions in mm.
A = 2000 (std)
B = 2000 (std)
Or according to tank diameter

Standard documentation
- Declaration of conformity to applicable directives
- Final Test report
- Owner manual including BOM and spare part list
- General Assembly Drawing.

Documentation on request
a) Welding book (WB) including:
   - Welding Map (WM)
   - Welding qualifications (PQR)
   - Welding Procedures (WPS)
   - Welder Qualification (WQ)
   - Dye penetrant test on socket welds
   - X-ray on butt welds

b) Material Identification Map (MIM) including:
   - 3.1 EN 10204 Certifications for steel
   - 2.2 EN 10204 Certifications for aluminum

c) Complete Quality Control Plan (QCP) including:
   - Welding book (WB)
   - Material Identification Map (MIM)
   - Manufacturing Plan