Floating Suction Units allow the withdrawal of clean product just below the surface of the liquid. FU300 series is designed for above ground tanks where the height is larger than diameter. Floating Suction Units in all materials are suitable to be used in storage tanks ATEX Cat. 2 and 3.

**FU300 SERIES**

**FOR FIXED OR FLOATING ROOF ABOVE GROUND TANKS**

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 @2m/sec:
  - 1½" ▶ 10 m³/h
  - 2" ▶ 15 m³/h
  - 3" ▶ 30 m³/h
  - 4" ▶ 60 m³/h
  - 6" ▶ 120 m³/h
  - 8" ▶ 270 m³/h
  - 10" ▶ 420 m³/h
  - 12" ▶ 600 m³/h
  - 14" ▶ 180 m³/h
  - 16" ▶ 930 m³/h
  - 18" ▶ 1200 m³/h
  - 20" ▶ 1400 m³/h

**Components description (standard version)**
- Swivel style F-40 in aluminum alloy, FKM seals, inlet flange ANSI 150
- Floating pipes in aluminum alloy
- Intermediate 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
- Floater in aluminum alloy, single or double
- Control cable in stainless steel
Options
- Carbon or stainless steel (mandatory for tanks ATEX Cat. 1)
- Inlet flange PN16 or other standards

Dimensions in mm.
To be calculated according to tank diameter and height

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