

TWO-PIECES ALUMINIUM SWIVEL

Series 0853-0858-0876-0878

Technical specifications



This is an aluminium swivel, generally used to assemble loading arms, floating suction, drainage for floating roof and skimmers. They have a double ball race and different kind of seals depending on the liquid they will be used with. They can also be supplied in different configurations.

| Technical features | | | | | | |
|--------------------|---------------------------------|------|-----------------|------------------|-----------------|-------------------|
| Series | 0853 | 0876 | 0858 | | 0878 | |
| Nominal diameter | 4'' | | From 3'' to 6'' | From 8'' to 16'' | from 3'' to 6'' | from 8'' toa 28'' |
| Design pressure | 10 Bar | | | 3 Bar | | |
| Test pressure | 15 Bar | | | 5 Bar | | |
| Design temperature | -25°C / +65°C | | | | | |
| Flanging | TTMA | | | PN10 | ANSI150/TTMA | ANSI150/PN10 |
| Seals material | Fluoroelastomer FPM-NT (Viton®) | | | | | |



Series 0858 and 0878 composed by a male and a female with flanged curves

Laws and regulations

- **94/9/CE** Directive, named **ATEX**.
- **97/23/CE** Directive, named **PED**.
- Customs declaration of certification for Russia, Kazakhstan, Belarus, **EAC certification**.
- Standard **API-ASTM-ANSI-TTMA**.

Options

| Seals material | Main applications | Working temperature |
|-----------------------|-------------------|---------------------|
| HNBR NBR hydrogenated | Bio fuels | -40/+65 °C |
| PTFE Teflon | Aggressive fluids | -45/+65 °C |
| FVMQ Fluorosilicone | Food fluids | -60/+65 °C |

Other configurations are available upon request



Series 0853 assembled with a male flanged curve and a female with strait part, to compose Series 0876



Series 1505 floating suction

Standard documentation

- Declaration of conformity to regulations
- Declaration of material conformities and functional test (CCC)
- Manual of use and maintenance (MUM)

Documentation on request

- **Materials specifications map (MIM):**
 - Certification 2.2 EN 10204 for aluminium



Series 0876 complete with a socket and a handle to facilitate handling; generally used on bottom loading arms with an API RF 1004 coupler



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