

FPSO Swivels

250

FPSO swivel

Description

We design, manufacture and deliver unique FPSO swivels to meet the demanding requirements of offshore operators worldwide. Typically comprised of Electrical Slip Rings, Hydraulic Utility Swivels and Fiber Optic Rotary Joints, swivels are used in a variety of Floating Production, Storage and Offloading (FPSO) Systems including buoys, turret moorings and offshore loading towers. Our FPSO swivels permit the continuous delivery of electrical power and signals, hydraulic fluids, and fiber optic signals, with unlimited freedom of the vessel to weathervane about its mooring point. All FPSO swivels are approved by a marine authority and are certified for use in hazardous locations.

Features

- Stainless steel construction standard
- Large hollow bores
- Flameproof or purged / pressurized
- Integral junction boxes available
- Fluids for hydraulic control and chemical injection
- Single and multimode fiber
- Wide variety of cable entry methods

Benefits

- Each unit designed, manufactured, and tested in accordance with the highest quality standards
- Optical, electrical and fluid in one assembly
- Modeled with leading CAD software and files shared with customers
- Fully inspected and tested before shipment
- On-site installation support
- Complete document package provided



295-X

FPSO swivel

Description

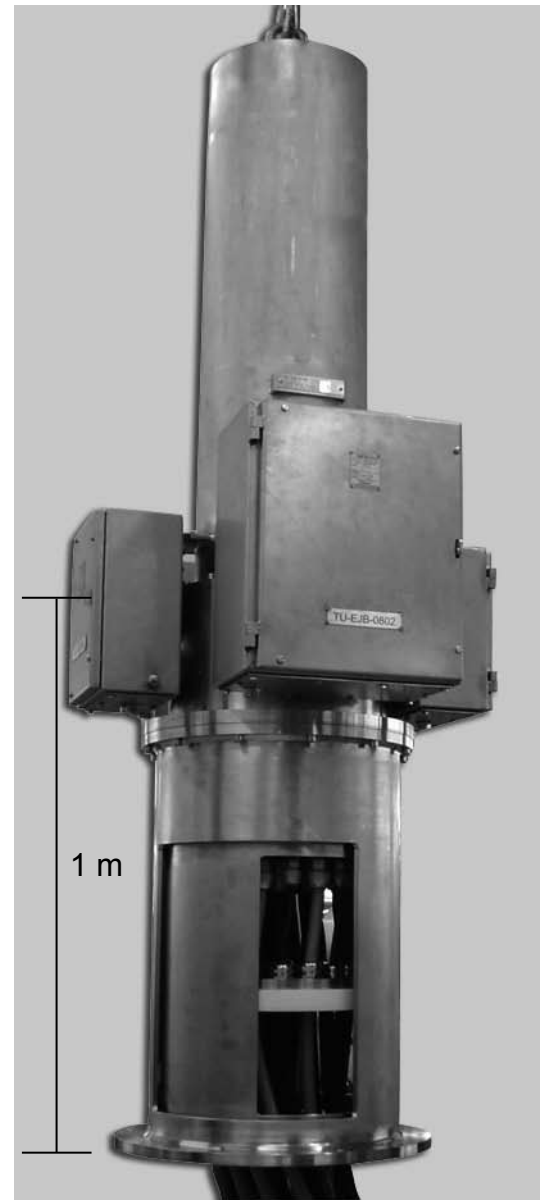
The 295-X is a standardized electrical / optical slip ring designed for the offshore oil industry. This design is type certified for hazardous area environments allowing for shorter design customization and assembly time. Available in sizes ranging to a maximum overall length of approximately 140 inches (3.5 m) and overall diameter of 12 inches (300 mm), this model meets the needs to transfer utility power, electrical and optical signals on a variety of offshore swivel applications.

Features

- 316 stainless steel housing available for corrosion resistance
- Hazardous area certified in accordance with European Community ATEX directive 94 / 9 / EC
- Standardized design can accommodate variety of cable entry methods

Benefits

- Each unit is designed, manufactured, and tested in accordance with the highest quality standards
- Integration with fiber optic rotary joints and fluid rotary unions to provide a complete rotating interface solution
- Design customization to meet both customer and marine authority specifications



Typical Applications

- CALM buoy
- Submerged turret loading vessel
- FPSO swivel stacks