



DSTI provides specialized fluid rotary unions that are integrated into propulsion systems worldwide.

Fluid Swivel Solutions For Marine Propulsion Systems

DSTI's specialized offshore rotary unions integrate directly into propulsion units providing hydraulic / electric power for dynamic positioning adjustments for safe maneuverability in challenging marine environments.

Applications suitable for DSTI's rotary unions include propeller drive systems used in work boat, offshore drilling / production, passenger, tug, cargo, and other marine vessels.

DID YOU KNOW?

DSTI Exports Fluid Swivel Products To Over 50 Countries?

Learn more at www.dsti.com

- + Long Life High Pressure Seals
 - + Compatible With a Variety of Fluid Types
 - + 500 BAR Pressure Rating
- + Corrosion Resistant Materials For Offshore / Subsea Environments
- + Integrated Bearings For Consistent Performance
- + Center Thru-bore Options Available
- + Electrical Slip Ring / Fiber Optic Rotary Joint Integration
- + 3rd Party Inspection Certification
- + Positioning Sensor Options Available
- + Specialized Designs For Direct Integration Into Customer Equipment



Pictured above: electrical slip ring for power / data transfer, shaft-mounted rotary sensor to monitor thrust direction, and (3) independent fluid passages.

Example 1



Pictured above: 10" thru-bore for mounting and (4) independent fluid passages.

Example 2

About Us



DSTI specializes in the design and manufacturing of application-specific fluid solutions worldwide.

Between our proven technology and long-term experience working with highly complex applications, we aim to achieve our customers' project goals by reducing costs, increasing efficiency, and decreasing risks.

Our core business segments are fluid rotary unions, electrical slip rings, and value-added products and services providing a single-source solution from design and manufacturing through to testing and qualification - all under one roof.

We conduct our operations to ensure our people work together and take responsibility for the health and safety of ourselves and others, to minimize our impact on the environment and to ensure the best quality in products and services.

IN-HOUSE CAPABILITIES & SERVICES



Engineering & Simulation



Project Management



CNC Precision Machining



Assembly, Testing & Qualification



Inspection & Quality Management



Welding & Fabrication

See project examples at www.dsti.com/industries

