

# ENGINEERED TO INCREASE CABLE PERFORMANCE

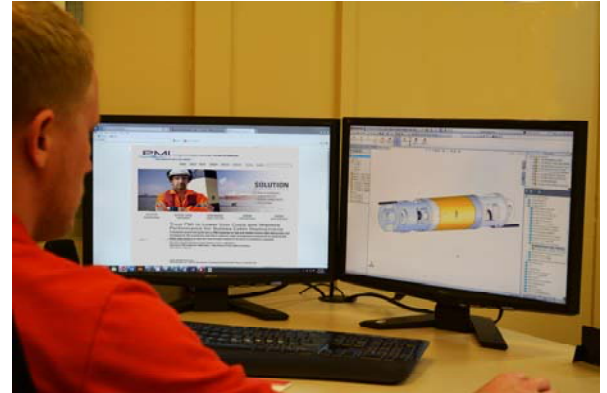
## DYNA-SWIVEL™ System

### Mechanical, Electro-Mechanical & Electro-Optical-Mechanical

**Underwater cables often experience sudden and uncontrolled releases of rotational energy.** When a tensioned cable from fixed rotation suddenly goes slack, stored torque can throw the cable into loops and hockles which upon re-tensioning causes kinks, damage and failure.

PMI's fast-acting swivels respond to low cable torque and allows unrestrained rotation. The cable is able to release stored torque and catastrophic cable failure is prevented.

- Mechanical, Electro-Mechanical & Electro-Optical-Mechanical models available
- High Working Load Up to 30,000 lbf
- Low Break-away or Starting Torque (Starting torque as low as 10 in.-oz. on smaller models)
- Oil filled with diaphragm for automatic pressure & temperature compensation
- Spring-loaded rotary shaft seal prevents seawater intrusion & oil loss
- Choice of Mechanical End-Fittings and Electrical/Optical Connectors
- Up to 24 Electrical Channels (typical 2A@240 VAC each, higher current & voltage capacities available)
- Optional Fiber Optic Channels



E-M Swivel, 5 Ton, 6 Channel  
with Clevis & Eye Attachments



ROV E-O-M Swivel

### PMI DYNA-SWIVEL™ System Additional Features

- Stacked angular contact ball bearings for minimum rotational friction
- Corrosion resistant shaft seal carrier and runner prevent deterioration in service
- O-ring seals on all threaded parts allow repairability
- Factory sealed construction and vacuum filling assures reliable performance
- Stainless Steel, Ni-Al Bronze, or Titanium materials available

### TECHNICAL SUPPORT

If you have questions or concerns about any PMI product, please contact our engineering staff directly.

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