

SPEC SHEET

Electromechanical Universal Joint

International Leader of Flexible, Adaptable Mooring Systems and Components

Delivering REAL-TIME monitoring from the Seafloor-to-Surface

EOM Offshore: INNOVATIVE, FLEXIBLE, AND RELIABLE



The EOM Offshore team has decades of combined experience in mooring design, on-board operations and logistics, and oceanographic solutions spanning the global ocean. Our experience in solving complex oceanographic challenges enables EOM Offshore to operate in all ocean environments and depths. From coastal shelf to full ocean, at all latitudes from equatorial to arctic, EOM Offshore provides solutions using our advanced marine technology.

With innovative, unique mooring projects and services divided into five core segments: metocean data collection including floating LiDAR, passive acoustic monitoring, mooring design and modeling, marine logistics and support, buoy and mooring system manufacture. EOM Offshore can support multiple market segments and objectives.



Follow us on:



Contact info



HEAD OFFICE - 20 Jonathan Bourne
Drive - Pocasset, MA 02559 - USA.



info@eomoffshore.com



+1 (508)-563-2100

EOM Offshore's products have been designed to handle the energetic environment of the ocean, while continuously delivering real-time data from the seafloor-to-surface.

Electromechanical Universal Joint

EOM Offshore's Electromechanical Universal Joint is a versatile connection for riser elements that can be used directly under surface buoys (as shown) or as an interface between sub-surface mooring elements and seafloor structures. The Electromechanical Universal Joint provides a robust electrical and mechanical connection point for electromechanical riser elements. Electrical failure is eliminated and the quality of data measurements from subsurface instruments is assured.

EOM Offshore's Electromechanical Universal Joint easily integrates with other mooring subcomponents, allowing our products to be used in diverse locations at any depth. EOM Offshore's products may be used to support commercial, research, and defense applications requiring fixed measurements and real-time data. The technology supports other platforms such as gliders, ROVs, and AUVs, increasing the temporal and spatial data and sampling areas.



Technical Specs

Dry Weight	55 lb / 24 kg
Material	316 Stainless Steel, Aluminum, Delrin Bushings, Polyurethane Bump Stops
Deflection Angle	Three axis (+/- 45°)
Max Load	10,000 lb / 4,500 kg
Flange Size/Bolt Pattern	9.5 inch, 6 x 5/8 bolts at 60°
Suggested Maintenance Cycle	2 years

Contact info



HEAD OFFICE - 20 Jonathan Bourne Drive - Pocasset, MA 02559 - USA.



info@eomoffshore.com



+1 (508)-563-2100