

Subsea Spherical & Ellipsoidal Buoys

Accelerating design freedom

Trelleborg Applied Technologies manufactures a range of subsea spherical & ellipsoidal buoys, providing long term, stable buoyancy to arrays of underwater equipment. With a full line of buoyancy solutions from 100 meters to 6,000 meter water depths, these buoys are available in numerous sizes and shapes to ensure successful deployment and recovery during mooring expeditions.

With two geometries available, spherical or ellipsoidal, the buoys are low maintenance and extremely rugged to meet the harsh demands of both deepwater and coastal environments. Elliptical buoys are preferred for high current environments when low drag is necessary. Trelleborg's spherical and ellipsoidal buoys are fully able to integrate as a key component in mooring systems.

Trelleborg's established subsea buoys are manufactured from our proven HDPE (high density poly-ethylene) rotomolded shells, and filled with our in house microsphere and macrosphere fill system. Each subsea buoy is fully customizable for complete design freedom, to accommodate any size, uplift, structural components, or housing equipment needed within the float.



Features & Benefits:

- 100 to 6000 meter depth rated
- Spherical or low drag ellipsoidal geometries
- Custom through holes
- Low maintenance

Applications:

- Oceanographic mooring
- Subsurface mooring
- Acoustic Doppler Current Profiler (ADCP)
- Fixed installation

Contact Us

Trelleborg's Applied Technologies division is an industry expert in delivering innovative and reliable solutions that maximize performance for our customers. Our vast range of specialized, customizable materials ensure peace of mind at every stage of your project. With reliable and efficient project management and manufacturing we endeavor to take performance to new levels by achieving your goals safely, on time and within scope.

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