

EE-1 OCEANOGRAPHIC MOORING SWIVEL



The Elkins EE-1 swivel features a rotating spindle which is located exactly within twin needle roller bearings with the inline forces being carried independently via a single heavy duty thrust race. The complete assembly is oil filled and due to its unique pressure balanced system can ensure freedom of movement even at the greatest ocean depths.

The assembly is manufactured to an extremely high quality and is oil filled to achieve pressure balance at full ocean depth. The EE swivel ensures total rotational freedom at depth and under load. The titanium body provides maximum resistance to corrosion in seawater and will endure many years of operation.

Ideal for long term deployments in seawater for oceanographic instrument strings, ie: current meters, moored buoys, underwater tow ropes and cable laying; fishing (benthic) nets, CTD systems, pingers, transponders, samplers, transducers, camera rigs, or any other sub sea system that needs to be protected from tangling in the mooring.

Users include National Oceanography Centre, UK, North Pole Station 355640, Applied Physics Laboratory of Washington, University of Alaska, Institute of Marine Science, Alfred Wegener Institute and British Antarctic Survey

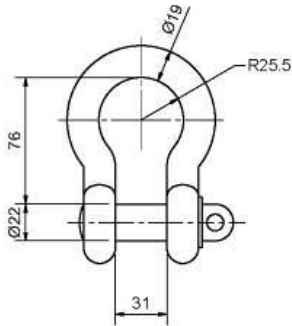
Features:

- Titanium housing
- Pressure balanced
- Oil filled
- Rugged – Robust –Reliable
- Twin needle roller bearings

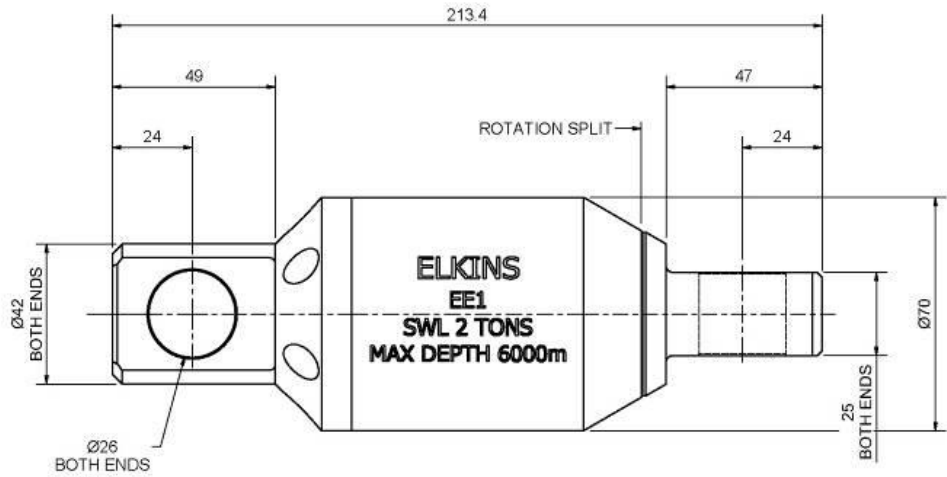
Specifications:

Model	EE-1
Material	Grade V Titanium
Safe Working Load (SWL)	2 TON
Proof tested	6 TON
Maximum operating depth	6000m
Weight	2.15 kg
Overall length	211 mm
Maximum diameter	70mm

REF – EE1 iss A April 2024

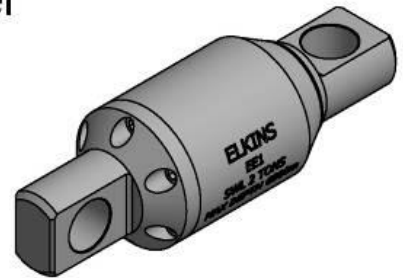


Recommended shackle
4.75 tonnes SWL
(Dimensions in mm)



2 tonne Swivel

(Dimensions in mm)



ELKINS
oceanic services ltd