

EE-1 EE-2 EE-3 OCEANOGRAPHIC MOORING SWIVELS



The Elkins EE-1 EE-2 & EE-3 swivels 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 series swivels ensure 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 metres, 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 Southampton 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
- Two SWL versions available
- Twin needle roller bearings



EE1 & EE3

Specifications:

Model	EE-1	EE-2	EE-3
Material	Grade 125 Titanium	Grade 125 Titanium	Grade 125 Titanium
Safe Working Load (SWL)	2 TON	5 TON	500 kgs
Proof tested	6 TON	10 TON	-
Maximum operating depth	6000m	6000m	6000m
Weight	2.15 kg	4 kg	0.4 kg
Overall length	211 mm	250 mm	109 mm
Maximum diameter	70mm	90mm	44mm

REF – EE1-2-3 iss D June 2009