



# DRILLING RIG IN-LINE SWIVELS

The FES International In-Line Swivel combines practical experience and precision engineering to ensure efficient performance to suit bespoke client requirements.

Operating at a wide range of pressures and end loads, the In-Line Swivel can function with a diverse range of fluid media and the sealing system can be modified to suit any client needs.

FES In-Line Swivels contain a triple action bearing system designed to take high axial, radial and bending loads during product design life.

The swivels also include integral end connections to provide strength and can be manufactured to any end fitting design specification.



## ➤ KEY FEATURES

Designed to suit Operating Pressures up to 15,000 PSI.

Designed and Tested for Axial Loads up to 15te.

Materials: Stainless Steel 17-PH as standard, other materials available to suit client needs.

Range of sealing options for differing fluid media and pressures.

Comprehensive bearing system to withstand high axial, radial and bending loads.

Wide range of End Fitting Connections can be supplied including Hubs manufactured to Techlok, Grayloc and API 16A specification, Flanges in accordance with API 6A, ANSI B16.5 and Hammer Lug Unions.

Extensive Sub-Supplier and Manufacturer network allow quick supply of bespoke swivels to meet client project lead times.

Thorough testing programme using bespoke in-house test rigs for hydrostatic, load and rotational testing programs (including client