



Our double fluid high pressure swivel has seals with patented (U. S. Patent 9,121,503) hydrodynamic inlets that lubricate the dynamic interface during rotation, reducing friction, heat, and wear.

These seals were developed to reduce downtime in applications up to 420 bar and 150 rpm.

The hydrodynamic seals get lubricated by a greaser placed in the top part of the swivel. Lubrication should occur at least every 8hh.

A safety port with a NRV prevent the grease from coming out during lubrication but, in case of failure of all the seals, the safety port lets the high-pressure grout leak out of the port. The leakage is an alert for immediate substitution of the grout seals.

The great grout passage of this swivel (2") is highly recommended when using high performance triple pumps (up to 600 L/min @ 420bar) to reduce as much as possible head losses.

