

## Ex-proof hydraulics for offshore mooring systems

Improved corrosion resistance, heavy equipment handling and potentially explosive areas: all the strict requirements typical of the oil&gas and offshore sector are together combined in mooring systems, a key equipment of offshore vessels that allow any floating platform to be safely held in position while preventing any risk or potential damage coming from rough sea waves.

**Ex-proof electrohydraulic** systems represent the most widespread solution for the actuation of such systems, as they meet all the mentioned requirements while also granting high-performance controls, simple maintenance, and long-term operating life.

Atos offers the most complete range of **multi-certified ex-proof electrohydraulic components** specifically designed for this sector, from Ex-h cylinders and pumps to Ex-d and Ex-i solenoid valves, up to the complete certified systems.

High corrosion resistance is granted thanks to a specific zinc-based surface treatment, reaching up to 600 hours in Salt-Spray Test. Whenever higher corrosion resistance is needed, valves and cylinders in stainless steel execution are available as well.



*Ex-proof proportional valve*

Are you interested in **Atos ex-proof hydraulic products**?

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