



WITTENSTEIN

motion control

Safety
Reliability
Competence

All Electric Actuators for Extreme Requirements



suitable for

SIL 3

Safety Integrity Level
IEC 61508

SSEAC®

Subsea Electric Actuator

SUBSEA SYSTEM EXPERTISE

The SSEAC® is the first all-electric valve actuator by WITTENSTEIN motion control for subsea applications in the oil and gas industry. The SSEAC® has been developed to electrically actuate Choke, Gate, Control and Ball valves rated to 3,000 m water depth.

WITTENSTEIN motion control began subsea deployments in 2001 and now has over 200 systems qualified and installed in the UKCS, NCS, Brazilian and Australian waters.

To improve reliability and enhance safety WITTENSTEIN subsea electric actuators have implemented 'finger printing' routines and partial stroke testing, that can deliver valve condition back to surface for review and analysis.



Perfectly positioned and
uniquely driven.

One Source – Customized Solutions



BENEFITS

- Long step out and deep water capable
- Continuous condition monitoring
- Can be used on all valve types
- Fast acting and Hi Torque versions

PERFORMANCE DATA

- Single or Dual channel with redundancy
- API Class 4 bucket
- Max Torque 2700 Nm
- Single or 3-phase input power
- SIL 3 capable
- Configurable housing compositions
- with dual sealing concept
- ISO 13628 qualified



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Contact

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WITTENSTEIN – one with the future

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