



# NORMAL AXIS GEARBOXES SUBSEA

|                                   |  |
|-----------------------------------|--|
| ACTION ON LOSS OF SUPPLIED ENERGY | FAIL LAST  |
| ROV INTERFACE FOR LOCAL OVERRIDE  | ISO13628-8 / API 17H Classes;<br>others as per application requirements  |
| WATER DEPT INSTALLATION           | ANY  |
| TEMPERATURE RANGE                 | std -10°C/+70°C<br>extended ranges on request  |
| ORIENTATION                       | as per application requirements  |
| Material Selection                | DSS/SDSS for wetted critical components;<br>high strength materials for internals and torque transmitting and internal parts;<br>customized selections as per application requirements   |
| DESIGN FEATURES                   | Simple and compact design for minimum overall dimensions.<br>Factory set end stops for perfect valve stroke and alignment.   |
| SPECIAL FEATURES                  | Customized layout: engineered drive extensions and ROV/Diver intervention fixtures; cu-<br>stomized features to meet any required orientation for installation;<br>Tailor made position indicators according to Client requirements; |
| PRODUCT RANGE                     | All ISO13628-8 / API 17H Classes;  |

### General Features

- fully tailored to meet the application requirements (valve integration, temperature ranges)
- material selection customized in accordance with Client needs and Service requirements
- suitable for installation at any water depth
- Designed for extended operational life
- redundant seal arrangement applied on all dynamic sealing
- Fully designed and qualified according to API 6A, API 17D, API 6D, API 6DSS, ISO 13628, ISO 10423, ISO 14723.
- API 17D, ISO 13628-8 or tailor-made diver / ROV interfaces.

### Optional Features

- Customized layout: engineered drive extensions and ROV/Diver intervention fixtures; customized features to meet any required orientation for installation
- Tailor made position indicators according to Client requirements

