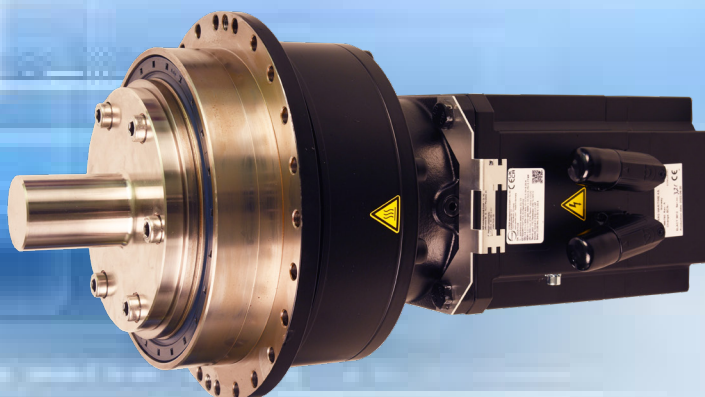




KONGSBERG



AUTOCHIEF C600

FEATURES

- Backlash: 3 arcmin
- Speed: up 180 deg/sec
- Torque limitation and control
- Built in brake. Power loss gives locked output shaft

AutoChief C600 Electrical Fuel Actuator ELACT 3812 & DSU38

ELACT3812 together with DSU38 is a robust engine fuel actuator system, designed for maritime environment and type-tested and approved according to applicable standards.

The actuator system is a part of AutoChief Digital Governor System which is standalone or integrated to AutoChief Remote Control System.

Main Functions

- Dynamic operation control
- Absolute position sensor
- Built-in brake
- Wide voltage range

Main specification

- Torque: 1100 Nm
- Supply voltage 3x 400 VAC
- Power: 3.77 kW
- Position feedback: Absolute encoder
- Position feedback resolution: 0.01 degree

TECHNICAL DATA

Power requirements	400 VAC +20%/-50% for actuator 24 VDC +30%/-25% for controller
User interface	None, user interface in connected system (ACP or OS)
Envir. properties	<ul style="list-style-type: none">▪ IACS E10 rev. 8▪ IEC60533▪ DNV Standard for certification No. 2.4"Environmental test specification for instrumentation and automation equipment"▪ Operating temperature -15°C to + 70°C▪ Storage temperature: -30°C to + 80°C▪ Vibration: Actuator: 4G@100Hz, Controller cabinet: 0.7G@100Hz▪ Max. hum: 97% no condensation
Eletromagnetic compatibility (EMC)	Complies with the classification societies requirements regarding electrostatic discharge (ESD), radiated susceptibility (RS) and conducted susceptibility (CS). In addition to the EU directive for radiated emission
Weight	<ul style="list-style-type: none">▪ 49 kg (actuator)▪ 31 kg (controller cabinet)
IP Code	<ul style="list-style-type: none">▪ IP44 (actuator)▪ IP44 (controller cabinet)