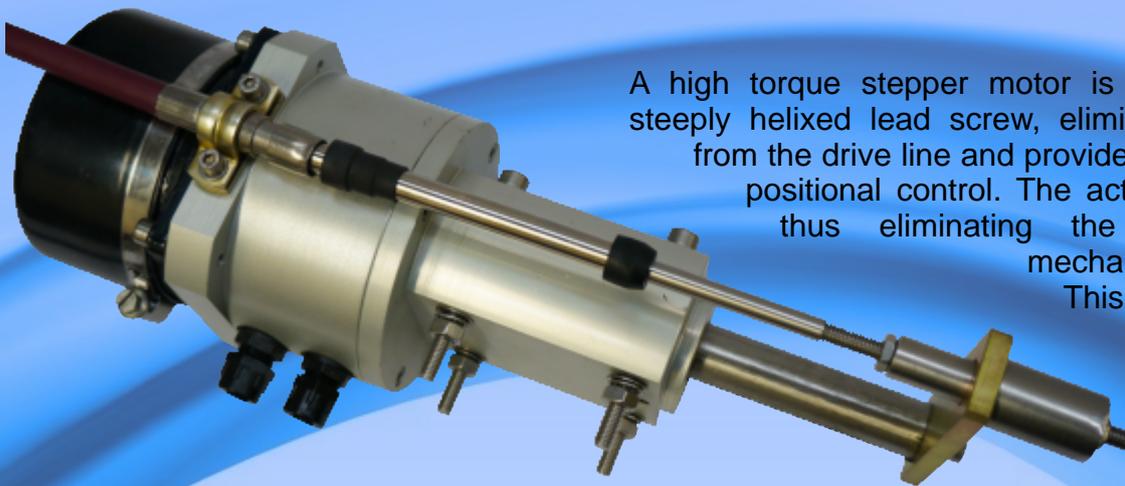


ELECTRO-MECHANICAL INTERFACE FOR PITCH AND SPEED CONTROL

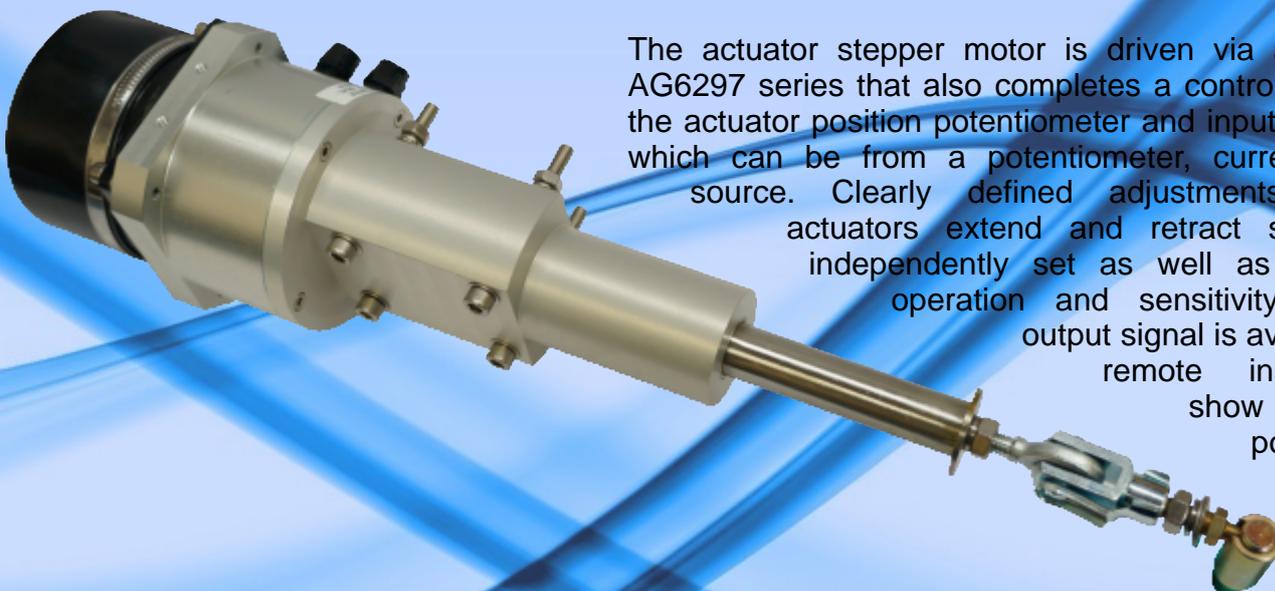
Linear actuators, type AG6248, are supplied as long stroke (LS) or short stroke (SS) units to optimise space and stroke requirements and provide the ideal control medium for C.P.Propellers, Voith thrusters, etc. The short stroke actuator is also offered with a mechanical cable link, so that for example on engines where space is limited for speed control connections, the actuator can be mounted off engine.

SHORT STROKE (SS) ACTUATOR



A high torque stepper motor is connected directly to a steeply helixed lead screw, eliminating reduction gearing from the drive line and provides very precise speed and positional control. The actuator can be backdriven thus eliminating the need for collapsible mechanical connecting links. This feature also allows easy emergency manual operation.

LONG STROKE (LS) ACTUATOR



The actuator stepper motor is driven via a control card AG6297 series that also completes a control loop between the actuator position potentiometer and input control signal, which can be from a potentiometer, current or voltage source. Clearly defined adjustments permit the actuators extend and retract strokes to be independently set as well as its speed of operation and sensitivity. A separate output signal is available to drive remote instruments to show the actuator position.

We support you

Rugged reliability means that service calls are few and far between. If called upon, we pride ourselves on our high level of customer support on a worldwide basis. The actuators are designed and manufactured in-house so full engineering support is only a phone call away.

Enhance your system

Should your vessel's propulsion control or engine requirements change, AG6297 control card is flexible and will accommodate your specific needs. Our core strength is the ability to customise the control to your vessel.

Lifetime partnership

Actuator systems have been in service for many years on a wide range of vessels from trawlers and fast rescue craft, to luxury yachts. Radamec have supplied engine control systems to the RNLI for many years and are currently in control on their new Tamar class life boats so you can be assured of a quality system from a quality company. Radamec Control Systems Ltd is an ISO 9001:2008 certified company and our marine associations go back over 70 years.

Our experience

Radamec has been extensively involved in upgrades and refit work covering *Monitoring, Alarm Systems* and *Propulsion Controls* for yachts, commercial, naval and Coastguard vessels. Radamec specialise in carrying out this class of work in both home and export markets, and can upgrade Bridge and MCR installations to state of the art. Recent upgrades include *Monitoring, Alarm* and *Propulsion Control Systems* for the Malaysian Coastguard, and working with the MOD on the retrofit of *Telegraph Systems* for HMS Ocean. These installations have extended the life of these vessels for many more years.



Call us now for prices for your vessel

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