Linear, Part-Turn and Multi-Turn
Control Valve Actuators

Keeping the World Flowing
Keeping the World Flowing

RELIABILITY IN FLOW CONTROL
CRITICAL APPLICATIONS

Reliable operation when it matters
Assured reliability for critical applications and environments. Whether used 24/7 or infrequently, Rotork products will operate reliably and efficiently when called upon.

Quality-driven global manufacturing
Products designed with 60 years of industry and application knowledge. Research and development across all our facilities ensures cutting edge products are available for every application.

Customer-focused service worldwide support
Solving customer challenges and developing new solutions. From initial enquiry through to product installation, long-term after-sales care and Client Support Programmes (CSP).

Low cost of ownership
Long-term reliability prolongs service life. Rotork helps to reduce long term cost of ownership and provides greater efficiency to process and plant.
CMA Range

Comprehensive product range serving multiple industries

Improved efficiency, assured safety and environmental protection.

Rotork products and services are used throughout industry inclusive of Power, Oil & Gas, Water & Wastewater, HVAC, Marine, Mining, Pulp & Paper, Food & Beverage, Pharmaceutical and Chemical industries around the world.

Market leader technical innovator

The recognised market leader for 60 years.

Our customers have relied upon Rotork for innovative solutions to safely manage the flow of liquids, gases and powders.

Global presence local service

Global company with local support.

Manufacturing sites, service centres, sales offices and Centres of Excellence throughout the world provide unrivalled customer services and fast delivery.

Corporate social responsibility

A responsible business leads to being the best business.

We are socially, ethically, environmentally responsible and committed to embedding CSR across all our processes and ways of working.

Keeping the World Flowing

Rotork - Keeping the World Flowing
Product Overview
Advanced Engineering
  CMA Range Standard Unit
  CMA Range Options
  CMA Range Extension
Advanced Design Features
System Integration
Technical Data
Design Specifications
Approvals
Client Support and Site Services

Section Page
Rotork - Keeping the World Flowing 2
Product Overview 4
Advanced Engineering
  CMA Range Standard Unit 6
  CMA Range Options 7
  CMA Range Extension 8
Advanced Design Features 9
System Integration 10
Technical Data 11
Design Specifications 12
Approvals 12
Client Support and Site Services 14
CMA Range – Product Overview

**Compact modulating actuators for precise position control** and modulation applications

- **Accurate and repeatable position control** with up to 0.1% accuracy
- **Explosionproof** to international standards
- **Optional Reserve Power Pack (RPP)** for fail-to-position functionality
- **Adjustable speed control**
- **All electric solution** for linear, part-turn and multi-turn control valve and pump applications
- **Encoder technology for dependable position measurement**
- **Suitable for mounting in any orientation**
- **Zero stick slip** during operation
- **Suitable for 1-phase or DC power supplies**
- **Built-in HMI allows for quick and simple setup**
- **Permanently lubricated, maintenance-free drive train**
- **Less than 1 watt standby power**
- **Brushless DC motor for reliable, accurate, S9 / Class D continuous modulation capability**
- **Optional integral local controls and positional display**
- **Compatible with a wide variety of fieldbus, hardwired and analogue site systems**
1 Encoder Technology
The CMA utilises absolute encoder technology where a unique digital code corresponds to the angular position (CMQ), stroke length (CML) or multi-turn (CMR) position of the actuator.

The sensor is 12-bit for part-turn and linear actuators and 10-bit for multi-turn actuators. The sensor is installed on the final output drive, removing any internal backlash effect that may exist in the drive train.

2 User Interface
Two programmable relays offer discrete digital indication for a number of different conditions. Contact form is configurable to make or break the content when active.

Field selectable adjustments for:
- Deadband
- Zero and span
- Command signal type
- Standard or reverse acting
- Manual-auto operation
- Fail-to-position on loss of signal capability

3 DC Brushless Motor
The CMA uses a high efficiency, continuous rated, brushless DC motor allowing for maintenance-free, S9 / Class D continuous modulation duty.

4 Hand Drive
A hand drive mechanism is provided as standard for all CMA actuators to allow manual operation of the valve. Pressing down on the hand-knob shaft engages a gear in the upper section of the drive train and releasing the knob causes the spring to disengage the gear.

5 Geartrain
The simple yet durable, efficient spur gear drive train is lubricated for life with proven high reliability.

6 Output Drive
The CMQ base conforms to MSS SP-101 or ISO 5211. CML and CMR may be adapted to suit individual valves.
Optional Local Controls - CML, CMQ & CMR

The CMA range of linear, part-turn and multi-turn actuators can be provided with integral local control selectors and an LED backlit display for clear valve position indication.

The local controls option includes the following features:

- **Linear, part-turn or multi-turn control** with continuous indication of valve position in 0.1% increments
- **Large, easy-to-read screen** with icons for fast diagnostic feedback
- **Vivid display** showing actuator position, critical and non-critical fault symbols
- **Valve position** as a percentage of set valve travel (e.g. 100% = Open)
- **Control selection knobs** provide Local, Stop or Remote operation mode selection and Open or Close input commands for position adjustment in local control mode
- **Unauthorised operation** can be prevented by locking the selector latch in place with a padlock

Optional Reserve Power Pack (RPP) - CML & CMQ

This option includes all the benefits of the local controls option with the addition of fail-to-position functionality:

- **Linear or part-turn control** with continuous indication of valve position even during power loss
- **Reserve Power Pack (RPP)** provides the actuator with enough stored energy to perform a predetermined action on mains power failure
- **Vivid display** showing position, fault and RPP status
- **Super capacitor** technology ensures reliability as they are not susceptible to the damaging effects of repeat partial charging / discharging
- **Power loss action** is easily configured via the standard CMA Human Machine Interface (HMI)
Increased Linear Actuator Performance

CML-1500 and CML-3000 deliver increased thrust output and stroke length to enable the electric automation of larger control valves with higher pressure ratings.

CML-1500 and CML-3000 maintain the array of features and functions available with CMA range actuators while substantially extending the performance capabilities for direct drive linear valves.

CMA electric actuators can also offer significant emission reductions compared to equivalent pneumatic actuators and the necessary infrastructure required to support them.

- Seating thrust up to 4,500 lbf (20 kN)
- Modulating thrust up to 3,000 lbf (13.3 kN)
- Accurate and repeatable position control using 4-20 mA signal with 0.1% accuracy
- Ball screw drive train for increased reliability and efficiency at higher thrust
- Integral local controls and positional display
- Electric solution for advanced automation of large control valves
CMA Advanced Design Features

The CMA encompasses advanced design in a compact, robust and reliable package.

- The brushless DC motor technology provides high dynamic performance with a maintenance free, high endurance drive train.
- Thrust or torque is instantly delivered to the valve to provide smooth operation without any stick/slip effect to disrupt the process variable. The sturdy mechanical drive train eliminates the unwanted movements associated with spring diaphragm actuators.
- CML and CMQ Self Locking actuators include an anti-backdrive mechanism capable of resisting up to 125% of the rated thrust or torque of the actuator.
- CMA actuators provide a compact, flexible solution optimised for applications with space constraints.
- The high accuracy positioning ability of CMA actuators ensures it can satisfy demanding operating requirements of many control valve applications.
- Digital communication options including Pakscan™, HART®, Foundation Fieldbus®, Profibus®, DeviceNet® and Modbus® are available.

Figure 1: Position Indication

Figure 2: Relay Configuration

Figure 3: Actuator Status
System Integration

Bus Network Compatibility

In addition to Rotork’s own Pakscan™ network system, Rotork actuators are compatible with most industry standard fieldbus systems via network cards that are fitted in the main electronics enclosure.

Pakscan™

The Rotork Pakscan system is a world leader in flow control automation. Pakscan continues to be at the forefront of network technology, helping to control over 170,000 field units. Pakscan’s superior technology keeps it ahead of the competition.

Now with 30 years installed experience Pakscan has found preference in all industry sectors and many diverse applications.

At the heart of the Pakscan system is the Rotork Master Station, providing the vital link between the control system and the devices in the field. The field devices are connected to the Rotork Master Station using Pakscan or Modbus® networks which have been designed for use in industries and applications where robust and reliable plant control and monitoring is required.

Pakscan: comprehensive solutions for modern plant control and monitoring.

- Automatic network monitoring and fault management
- Rotork Master Station with hot standby capability
- Redundant, fault tolerant field networks
- Fully pre-configured Rotork Master Station
- Intuitive touch screen user interface
- Long distance and high device count without the need for external repeaters
- Well recognised, simple Modbus RTU / TCP host communications
- Field and host communication diagnostics
- Built in webpages for full system diagnostics
- Commission field devices without the need for the host control system
- Field networks open to third party devices
- Efficient low cost Install with minimum cost of ownership
- Multiple host connectivity
- Backed by Rotork global support

Contact Rotork for further details.

HART®

The HART® signal consists of two parts, the analogue 4-20 mA current loop and a superimposed digital variable frequency signal. Traditionally the 4-20 mA loop is used for control and the superimposed digital signal for feedback, diagnostics and configuration. Configuration and feedback using the HART digital signal can be achieved using the host connected to the actuator to select the parameters required.

See PUB092-001 for further details.

Foundation Fieldbus

The Rotork Foundation Fieldbus® module connects directly onto the standard Foundation H1 bus system. The ability to report extensive actuator feedback within a single input block as well as system diagnostic information makes Rotork the first choice for use with a Foundation Fieldbus system.

See PUB089-001 for further details.

DeviceNet

Rotork’s DeviceNet® module Electronic Data Sheet description file is used to set up the actuator parameters to allow the systems performance to be optimised. The Rotork module has been certified by the Open DeviceNet Vendor Association.

See PUB090-001 for further details.

Profibus®

Profibus® is a leading international network protocol for Rotork’s Profibus DP module uses DP-V0 cyclic comms and extended actuator diagnostics and configuration is included in the DP-V1 acyclic data. EDD and DTM files allow the Rotork device to be incorporated into asset management systems, whilst the GSD file guarantees device interoperability.

See PUB088-001 for further details.

Modbus®

Rotork’s Modbus® module allows actuators to be connected to a 2-wire RS485 network for direct communication to a PLC or DCS using Modbus RTU protocol.

See PUB091-001 for further details.

RIRO

For discrete hardwired control, the optional RIRO (Remote In Remote Out) can be fitted. The option allows the user to hardwire a discrete digital control (24 VDC nominal or 120 VAC nominal) for open and close operation. The option also allows up to four extra relay contacts to be available for various functions.

See PUB094-004 for further details.
Technical Data

Mechanical Performance

Speed or operating time values shown below are at 100% speed setting. Speed can be reduced to 50% in 1% increments.

CMA actuators are suitable for S9 (IEC60034) / Class D (EN15714-2) operating duty.

CML: Linear Actuator

<table>
<thead>
<tr>
<th>Model</th>
<th>Min Modulating Thrust lbf</th>
<th>Max Modulating Thrust lbf</th>
<th>Max Seating Thrust* lbf</th>
<th>Max Speed inches/sec</th>
<th>Max Speed mm/sec</th>
<th>Max Stroke inches</th>
<th>Max Stroke mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>CML-100</td>
<td>60</td>
<td>100</td>
<td>150</td>
<td>0.25</td>
<td>6.35</td>
<td>1.5</td>
<td>38.1</td>
</tr>
<tr>
<td>CML-250</td>
<td>150</td>
<td>250</td>
<td>375</td>
<td>0.13</td>
<td>3.18</td>
<td>1.5</td>
<td>38.1</td>
</tr>
<tr>
<td>CML-750</td>
<td>450</td>
<td>750</td>
<td>1,125</td>
<td>0.13</td>
<td>3.18</td>
<td>2.0</td>
<td>50.8</td>
</tr>
<tr>
<td>CML-1500</td>
<td>900</td>
<td>1,000</td>
<td>2,200</td>
<td>0.23</td>
<td>5.72</td>
<td>4.5</td>
<td>114.3</td>
</tr>
<tr>
<td>CML-3000</td>
<td>1,800</td>
<td>3,000</td>
<td>4,500</td>
<td>0.23</td>
<td>5.72</td>
<td>4.5</td>
<td>114.3</td>
</tr>
</tbody>
</table>

CMQ: Part-turn Actuator

<table>
<thead>
<tr>
<th>Model</th>
<th>Min Modulating Torque lbf.in</th>
<th>Max Modulating Torque lbf.in</th>
<th>Max Seating Torque* lbf.in</th>
<th>CMQ High Speed Operating Time secs</th>
<th>CMQ Self Locking Operating Time secs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMQ-250</td>
<td>150</td>
<td>250</td>
<td>375</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CMQ-500</td>
<td>300</td>
<td>500</td>
<td>750</td>
<td>7.5</td>
<td>15</td>
</tr>
<tr>
<td>CMQ-1000</td>
<td>600</td>
<td>1000</td>
<td>1,100</td>
<td>11</td>
<td>22</td>
</tr>
</tbody>
</table>

Note: CMQ low speed units are self-locking up to 125% of rated load. CMQ high speed units are not self-locking.

* Seating Torque and Thrust – Some applications require tight seating of the valve in the close position. The CMA has a selective seating capability. The seating torque/thrust values shown for CML and CMQ are the forces available to close a valve tightly at the end of travel. The seating torque/thrust option can be selected and configured during setup (at “close action” selection, choose "torque" or "thrust" as applicable).

CMR: Multi-turn Actuator

<table>
<thead>
<tr>
<th>Model</th>
<th>Min Torque lbf.in</th>
<th>Max Torque lbf.in</th>
<th>Max Speed RPM</th>
<th>Min Stroke turns</th>
<th>Max Stroke turns</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMR-50</td>
<td>20</td>
<td>50</td>
<td>11</td>
<td>0.25</td>
<td>320</td>
</tr>
<tr>
<td>CMR-89</td>
<td>35.6</td>
<td>89</td>
<td>24</td>
<td>0.25</td>
<td>320</td>
</tr>
<tr>
<td>CMR-100</td>
<td>40</td>
<td>100</td>
<td>10</td>
<td>0.25</td>
<td>320</td>
</tr>
<tr>
<td>CMR-125</td>
<td>50</td>
<td>125</td>
<td>18</td>
<td>0.25</td>
<td>320</td>
</tr>
<tr>
<td>CMR-200</td>
<td>80</td>
<td>200</td>
<td>5</td>
<td>0.25</td>
<td>320</td>
</tr>
<tr>
<td>CMR-250</td>
<td>100</td>
<td>250</td>
<td>10</td>
<td>0.25</td>
<td>320</td>
</tr>
<tr>
<td>CMR-250/GB3</td>
<td>160</td>
<td>400</td>
<td>5.8</td>
<td>0.25</td>
<td>200</td>
</tr>
</tbody>
</table>

Positioning Control Performance

The following control positioning performance is based on a 4-20 mA control system with CMA operating over its maximum stroke, rated speed and constant force with minimum deadband set and with a linear demand/valve characteristic. Resolution is defined as: minimum change in input signal required for guaranteed response.

4-20 mA Positioning - % demand signal range

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Linear and Part-turn</th>
<th>Multi-turn</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.2%</td>
<td>2°</td>
</tr>
</tbody>
</table>

Linearity

1%

CML-1500 and CML-3000 have positioning resolution of 0.1% or less.

Position Feedback Performance

The following position feedback performance is based on CMA operating at maximum stroke with a linear characteristic set. Feedback calibration is automatic to the set limit positions. Resolution is defined as: minimum change in position required for feedback signal change.

4-20 mA Feedback - % feedback signal range

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Linear and Part-turn</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.2%</td>
</tr>
</tbody>
</table>

Linearity

1%

Ultimate performance will be determined by the process, valve and control system.
Design Specifications

Vibration, Shock and Noise

CMA actuators are suitable for applications where vibration and shock severity does not exceed the following:

<table>
<thead>
<tr>
<th>Type</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant induced vibration</td>
<td>1 g RMS total for all vibration within the frequency range of 10 to 1000 Hz.</td>
</tr>
<tr>
<td>Shock</td>
<td>5 g peak acceleration.</td>
</tr>
<tr>
<td>Seismic</td>
<td>2 g acceleration over a frequency range of 1 to 50 Hz if it is to operate during and after the event.</td>
</tr>
<tr>
<td>Emitted noise</td>
<td>5 g over a frequency range of 1 to 50 Hz if it is only required to maintain structural integrity.</td>
</tr>
<tr>
<td></td>
<td>Independent tests have shown that at 1 m generated noise does not exceed 61 db (A).</td>
</tr>
</tbody>
</table>

Levels quoted are those present at the actuator mounting interface. It should be noted that the effects of vibration are cumulative and therefore an actuator subjected to significant levels may have reduced life.

Conduit Entries

CMA actuators are supplied with four conduit entries for suitable power and field wiring connection. Rotork can provide adaptors and blanking plugs to suit your site requirements.

<table>
<thead>
<tr>
<th>Actuator Type</th>
<th>Standard</th>
<th>Optional*</th>
</tr>
</thead>
<tbody>
<tr>
<td>CML / CMQ / CMR</td>
<td>4 x M25 x 1.5p</td>
<td>4 x 3/4&quot; NPT</td>
</tr>
</tbody>
</table>

*This conduit entry solution is achieved using reducers.

Paint Finish

The standard paint finish is RAL5010 (blue, polyester powder coated to Rotork specification RS237). Optional paint colours and finishes are available, please contact Rotork for more information.

Unpainted units available for OEM customers.

Approvals

Regulatory Standards

Compliance with the following European Economic Community Directives permits the CMA range of actuators to be CE marked under the provision of the Machinery Directive.

<table>
<thead>
<tr>
<th>Directive</th>
<th>Applicable to</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electromagnetic compatibility (EMC)</td>
<td>Immunity to / emissions of electromagnetic energy</td>
<td>2004/108/EC by application of BS EN 61326-1:2006</td>
</tr>
<tr>
<td>Low Voltage (LV)</td>
<td>Electrical Safety</td>
<td>2006/95/EC by application of BS EN 601010-1:2010</td>
</tr>
<tr>
<td>Machinery*</td>
<td>Product Safety</td>
<td>Actuators follow the provision of the Machinery Directive (2006/42/EC) by the application of BS EN ISO12100-1:2003+A1:2009. The CMA must not be put into service until the equipment into which it is being incorporated has been declared to be in conformity with the provisions of the European Community Machinery Directive 98/37/EC and 98/79/EC*</td>
</tr>
<tr>
<td>Waste Electrical Equipment</td>
<td>Exempt under the scope</td>
<td></td>
</tr>
</tbody>
</table>

*Actuators are not classified as machines within the scope of the machinery directive. Contact Rotork for a copy of our Declaration of Conformity and Incorporation.
Approvals

Non-Hazardous and Hazardous Certified Enclosures

All CMA actuator hazardous and non-hazardous area enclosures are watertight to IP66, IP67* and NEMA 4.

CMA actuators are available with the following enclosure types for which the ambient working temperature ranges are stated.

Prior to installation, actuators should be stored in a dry location with a temperature range not exceeding -50 to +70 °C (-58 to +158 °F).

Non-Hazardous Area Enclosures

WT: Standard Watertight

<table>
<thead>
<tr>
<th>Standard</th>
<th>Rating</th>
<th>Standard Temperature</th>
<th>Low Temperature Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS EN 60529 (1992)</td>
<td>IP66/67, IP68*</td>
<td>-30 to +70 °C (-22 to +158 °F)</td>
<td>-40 to +60 °C (-40 to +140 °F)</td>
</tr>
<tr>
<td>NEMA (US)</td>
<td>4 &amp; 6</td>
<td>-30 to +70 °C (-22 to +158 °F)</td>
<td>-40 to +60 °C (-40 to +140 °F)</td>
</tr>
<tr>
<td>CSA (Canadian)</td>
<td>4 &amp; 6</td>
<td>-30 to +70 °C (-22 to +158 °F)</td>
<td>-40 to +60 °C (-40 to +140 °F)</td>
</tr>
</tbody>
</table>

*CML-1500 and CML-3000 are IP68 7m for 72 hours

Hazardous Area Enclosures

European ATEX Directive

<table>
<thead>
<tr>
<th>Directive/Standard</th>
<th>Rating</th>
<th>Standard Temperature</th>
<th>Low Temperature Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Directive = 2014/34/EU</td>
<td>II 2GD c</td>
<td>-20 to +65 °C (-4 to +150 °F)</td>
<td>-40 to +60 °C (-40 to +140 °F)</td>
</tr>
<tr>
<td>Standard = EN 60079-0</td>
<td>Ex db IIB T4 Gb</td>
<td>Units fitted with UPS or HMI option</td>
<td></td>
</tr>
<tr>
<td>EN 60079-1, EN 60079-31</td>
<td>Ex tb IIIc T85°C Db</td>
<td>-20 to +60 °C (-4 to +140 °F)</td>
<td></td>
</tr>
<tr>
<td>EN 13463-1, EN 13463-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

International Hazardous Area IECEx

<table>
<thead>
<tr>
<th>Directive/Standard</th>
<th>Rating</th>
<th>Standard Temperature</th>
<th>Low Temperature Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Directive</td>
<td>II 2GD</td>
<td>-20 to +65 °C (-4 to +150 °F)</td>
<td>-40 to +60 °C (-40 to +140 °F)</td>
</tr>
<tr>
<td>Standard = IEC 60079-0</td>
<td>Ex db IIB T4 Gb</td>
<td>Units fitted with UPS or HMI option</td>
<td></td>
</tr>
<tr>
<td>IEC 60079-1, IEC 60079-31</td>
<td>Ex tb IIIc T85°C Db</td>
<td>-20 to +60 °C (-4 to +140 °F)</td>
<td></td>
</tr>
</tbody>
</table>

USA Hazardous Area – Factory Mutual (FM) Certified Explosionproof to NEC Article 500

<table>
<thead>
<tr>
<th>Class</th>
<th>Division</th>
<th>Group</th>
<th>Standard Temperature</th>
<th>Low Temperature Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1</td>
<td>C, D</td>
<td>-20 to +65 °C (-4 to +150 °F)</td>
<td>-40 to +60 °C (-40 to +140 °F)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Units fitted with UPS or HMI option</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>E, F, G</td>
<td>-20 to +60 °C (-4 to +140 °F)</td>
<td></td>
</tr>
</tbody>
</table>

Enclosures Types 4/AP66/IP67*

Canadian Hazardous Area – Factory Mutual Canada (FMC) Certified Explosionproof to NEC Article 500 (CML-1500 and CML-3000 only)

Canadian Standards Association (CSA EP) to NEC Article 500 (All other CMA variants)

<table>
<thead>
<tr>
<th>Class</th>
<th>Division</th>
<th>Group</th>
<th>Standard Temperature</th>
<th>Low Temperature Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1</td>
<td>C, D</td>
<td>-20 to +65 °C (-4 to +140 °F)</td>
<td>-40 to +60 °C (-40 to +140 °F)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Units fitted with UPS or HMI option</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>E, F, G</td>
<td>-20 to +60 °C (-4 to +140 °F)</td>
<td></td>
</tr>
</tbody>
</table>
Rotork actuators are recognised as the best in the world for reliability and safety in the most demanding applications. To maintain this hard-earned leadership position, Rotork is committed to helping clients to maximise the continuous, fault-free operation and working life of all their actuators.

With established operations and worldwide service centres we are able to offer same-day or next-day service to all our customers. Our Rotork factory trained engineers have skills in both multi-purpose and industry specific applications and carry with them spare parts and specialist test equipment. Our operations utilise a documented Quality Management system established in accordance with ISO9001.

Rotork aims to be your number one choice for taking care of fault diagnosis, service repairs, scheduled maintenance and system integration needs.

Visit [www.rotork.com](http://www.rotork.com) to identify your nearest service centre.

Rotork has expertise and specialist knowledge of every aspect of flow control. Our service solutions increase plant efficiency and reduce maintenance costs. Workshop services return equipment to as-new condition.
Global Service and Support

Rotork understands the value of prompt and punctual customer site services and aims to supply our customers with superior flow control solutions, by providing high quality, innovative products and superior service – **on time, every time.**

Whether you have an actuator requiring on-site servicing, a custom design service requirement or a new actuator installation, we can deliver the fastest turnaround with the least plant disruption.

Accreditation and Assurance

Rotork is accredited with all major safety authorities around the world, providing our clients with reassurance and peace of mind.

Rotork’s engineering teams are experts in the design and implementation of actuation solutions for all circumstances and environments. Our global knowledge base draws upon previous installations and environmental situations.

Our track record and commitment to undertaken engineering projects is second to none. Rotork is trusted by major utility and industrial companies to design, install and maintain their actuation stock. We keep their plants operating at peak efficiency, helping them to be more profitable and at the same time meet ever tightening industry watchdog requirements.

Using accredited project managers we have the knowledge and expertise to design, build and install any standard or custom actuator installation for you, on time and in budget.

Asset Management

Rotork is a corporate member of the Institute of Asset Management, the professional body for whole life management of physical assets.

Actuator Workshop Overhaul

- Supporting Rotork and non-Rotork products
- Workshop facilities including torque testing and re-coating
- Large OEM stock in all workshops
- Fully trained and experienced service engineers
- Loan actuator facilities

Field Support

- Site repairs and commissioning
- Upgrades
- Fault finding and maintenance
- Call-out with fully equipped service vehicles

Client Support Programme (CSP)

- Select a level of service tailored for you – gold, silver or bronze
- Improves production throughput
- Reduces the cost of maintenance year-on-year
- Allows customers to manage the challenge of ‘Risk vs Budget’ in maintenance operations
- Lifecycle management includes planned and predictive maintenance with a focus on equipment reliability and availability as well as asset management
- Generated reports detail cost savings and performance improvements

Planned Shutdown Support

- Preventative maintenance
- On-site overhaul and testing
- OEM spares and support
- Support for Rotork and non-Rotork products
- Achieve tight shutdown return to service targets
- Project management and supervision

Valve Automation Centres

- Actuator upgrade
- Manual valve automation
- Control and automation
- System integration
As part of a process of on-going product development, Rotork reserves the right to amend and change specifications without prior notice. Published data may be subject to change. For the very latest version release, visit our website at www.rotork.com.

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Rotork is a corporate member of the Institute of Asset Management

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A full listing of our worldwide sales and service network is available on our website.