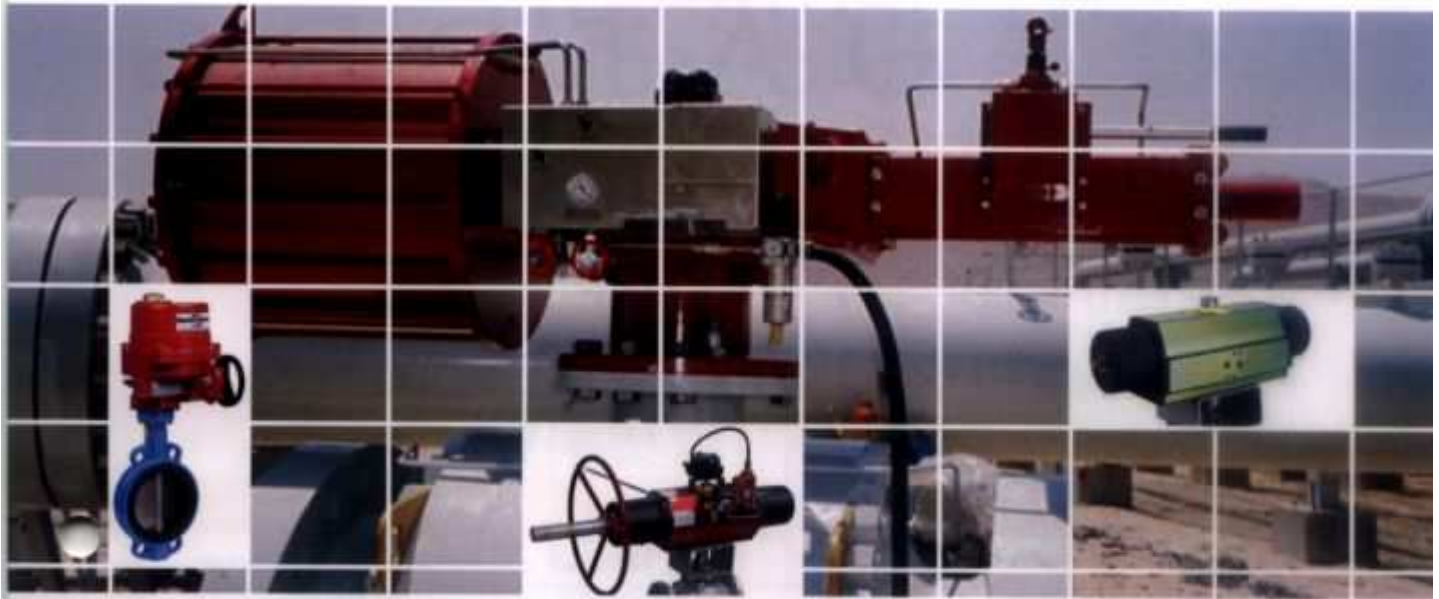




Valve Actuator

Product Guide

RC-01



On - Off Modulating Fail Safe Positioners Switch Boxes

Pneumatic, Hydraulic and Electric Actuators

Max torque 150,000 Nm / 1,327,500 lbf.in.

District heating & District Cooling
Heating & Air-conditioning, HVAC
Ventilation & Dampers
Water Treatment
Power Plants

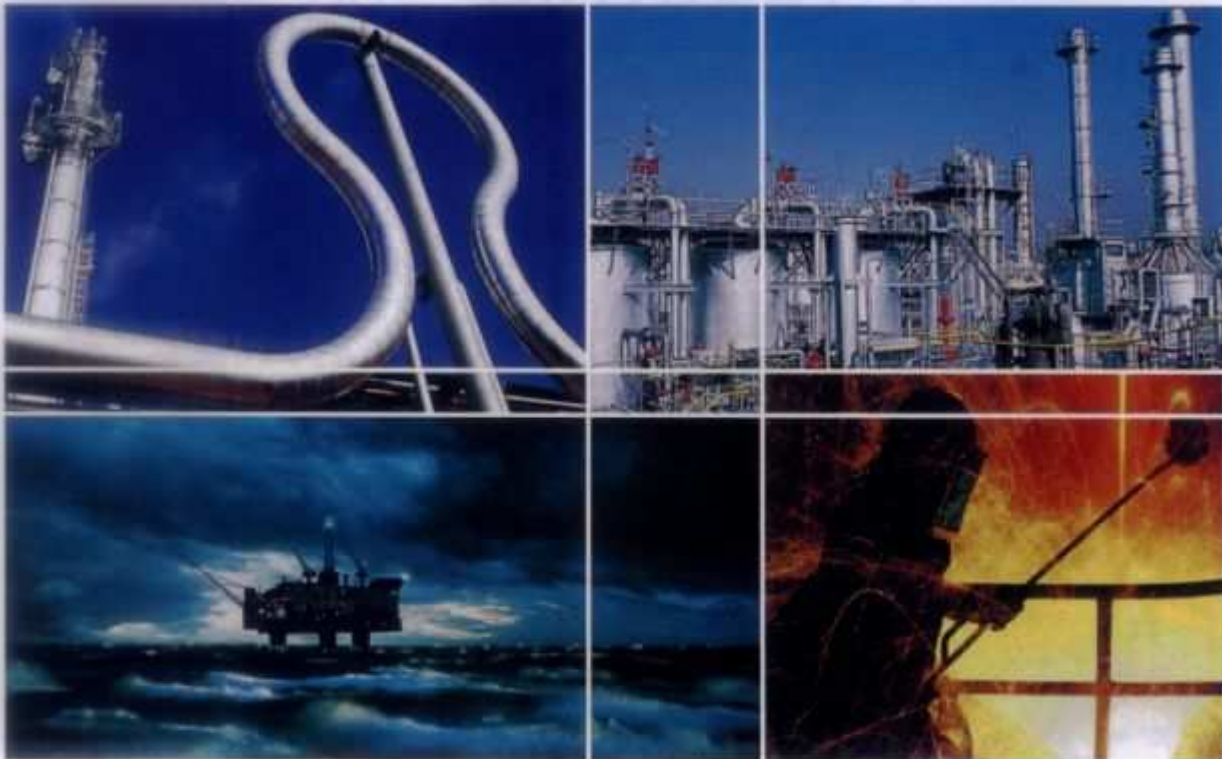
General Process Industries
Mining & Minerals
Pulp & Paper
Chemical

Petroleum Refining
Onshore & offshore
LNG / LPG production
Oil & Gas production

Food and Beverages
OEMs and Contractors
Marine and Ship building
Pharmaceutical and Biotech

Tank farms
Oil & Gas Pipelines
Oil & Gas Terminal Loading
Gas Transmission & Distribution





ACTUATORS TO MEET ALL YOUR REQUIREMENTS

With our knowledge in actuators we provide highly efficient solutions that will meet your exact requirements. We can supply a wide range of pneumatic, hydraulic and electric actuators, together with all your accessories.

Pre-assembled packages, compact units, which include Remote Control's scotch yoke actuators, give you a quick and simple installation, rapid start-up and commissioning, with minimum downtime.

Send your valves to us (any of the Remote Control companies). We will mount the actuators on the valves, adjust and test to your specific requirements. All you need to do is install the valve and actuator package, connect the air and electrical termination, and you are in operation.

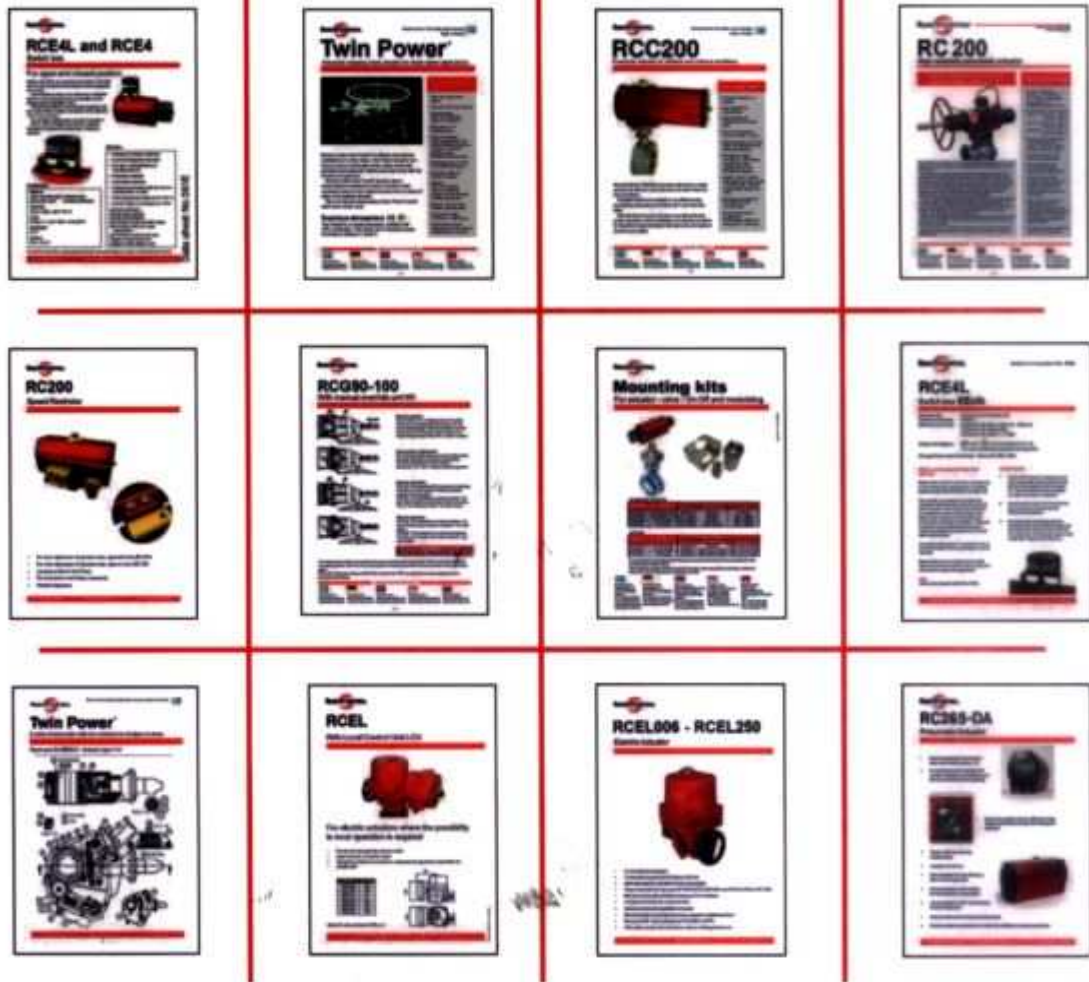
Remote Control has more than 6000 drawings for mounting kits to suit a wide range of valves for almost all valve manufacturers. You choose the valves best suited to your application and Remote Control will provide the complete actuator packages.



RCE-SR for important valves with safety function

LITERATURE and TECHNICAL DATA SHEETS

We have a comprehensive range of literature for all Remote Control actuators and accessories. Our customers can easily find all the information they will ever need on our website www.remotecontrol.se. Of course you are always welcome to contact us to discuss your actuator needs. We will ensure you get the best solution specific to your individual application.



Remote Control Actuator News

Once a month we send the Actuator News by e-mail to customers and business partners around the world. If you would like to subscribe to our newsletter simply send an e-mail to

news@remotecontrol.se

You can also subscribe on our website and should you like to read the previous newsletters you can click on the associated links.

ACTUATORS



Electric spring return actuator

RCE-SR
 RC-Scotch Yoke design
 ATEX Ex-proof Electro Hydraulic unit
 On-off, modulating, fail safe actuator
 for oil and gas valves, tunnel ventilation,
 smoke & fire dampers
 RC-M1 manual override



RC-M1 - The best manual override

Smart, intelligent, customer friendly, cost effective manual override integrated in the actuator endcap RC-M1 design is often specified by customers



Extra Chemical corrosion protection

RCT 200
 A superb chemical corrosion protection only for Remote Control aluminium actuators
 Tested over 2,000 hrs. in salt spray (ASTM B 117)



Pneumatic & Hydraulic Multitum actuator

TWIN POWER
 ATEX Ex-proof for new and retrofit installation on choke valves for offshore oil rigs and onshore oil and gas fields.
 For multitum gate-, globe-, knifegate valves
 Robust and reliable construction
 Ductile iron housing
 Manual override



Electric actuator

RCEL
 Heavy duty design
 On-off, modulating
 Self locking gear
 Manual override auto-declutch
 Wide range of accessories
 IP 67, ATEX and CSN Ex-proof

FROM STOCK



Pneumatic aluminium actuator

RC 200

RC-Scotch Yoke design
On-off, modulating
Double acting or spring return
Compact dimensions
RC-M1 manual override



Pneumatic steel actuator

RCC 200

RC-Scotch Yoke design
Designed for offshore environments
On-off, modulating
Double acting or spring return
RC-M1 manual override
Compact dimensions
Epoxy painted to NORSOK or customer's specs.
RCC200 also available in Fire Safe spec.



Pneumatic Ductile iron actuator

RCG for high torques

RC-Scotch Yoke design
On-off, modulating
Double acting or spring return
RC-M1 manual override
Epoxy painted to NORSOK or customer's specs.



Pneumatic & Hydraulic steel actuator

RCC 500 for high torques

Symmetric or canted RC-Scotch Yoke design
Pneumatic and High pressure hydraulic
On-off, modulating
Double acting or spring return
Mechanic or hydraulic manual override
Epoxy painted to NORSOK or customer's specs.



ATEX Ex-proof Switch boxes

NAMUR & VDI/VDE 3845 Standards

RCE4L ATEX Ex-proof certified

RC1990 Cast Iron Ex-proof

ATEX, GOST R & RTN

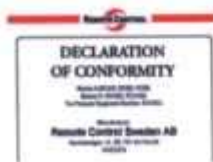
Arctic approved to -50°C /-58°F

CERTIFICATES AND STANDARDS

Remote Control actuators comply fully with all the relevant industry standards. All control interfaces for solenoid valves, switch boxes and positioners satisfy the NAMUR and VDI/VDE 3845 standards. Valve mounting and drive dimensions are according to standards ISO 5211, DIN 79, DIN 3337, NAMUR.

You will find all certificates and approvals on our website

www.remotecontrol.se/certificates



Pressure Equipment Directive (PED 97/23/EC)

All Remote Control actuators are approved according to the Pressure Equipment Directive (PED, 97/23/EC). CE marking is supplied for all relevant products. The Remote Control actuators fall into category I, II and SEP (Sound Engineering Practice). The conformance to PED assures our customers that actuators from Remote Control are technically sound and safe.

ATEX Directive (94/9/EC)

All Remote Control actuators are approved according to the EU ATEX directive (94/9/EC) and allowed for installation in hazardous areas. Certification has been performed according to equipment group II GD and category 2 (zone 1). Remote Control actuators are supplied with CE and Ex marking.

ISO 9001 Quality Cert ISO 14001

Remote Control's quality and environmental certification is according to ISO 9001:2000 and ISO 14001:2004 respectively.



REMOTE CONTROL - CUSTOMER SERVICE AND EXPERIENCE

When you contact Remote Control you receive the highest level of service and technical support from our worldwide sales network. We have many years of customer application experience in a variety of different industries around the world. Our team can and will help you with engineering advice in order for you to make the right purchasing decision.

All our solutions are designed by experts and you can be confident that our actuators are precisely sized and matched to your valves and will offer you efficient and accurate operation.

Guaranteed delivery and support

Remote Control guarantees delivery for all actuator solutions and will give you full support during the installation and commissioning. By choosing Remote Control as your actuator provider you can have full confidence that the packages are delivered on time and the actuators will work reliably as expected.

Remote Control actuators are supplied with the necessary information and drawings for installation and start up. All deliveries meet international requirements and will have certification and relevant documentation.

International exhibitions

Remote Control always participates in major international exhibitions. You can find all scheduled exhibitions on our website, simply click on 'News' for a complete listing. We would be pleased to have you visit our stand and discuss your actuation requirements with our engineering specialists.

REMOTE CONTROL WEBSITE

All customers are welcome to our website

www.remotecontrol.se

You will find technical information to download as well as the Remote Control Sizing Tool to help you select the correct actuator for your specific application. Why not subscribe to our monthly technical Actuator News!



Remote Control's International Exhibition stand

REMOTE CONTROL®



Pneumatic, Hydraulic and Electric Actuators

THE COMPANY

Remote Control - The Actuation Specialist. Since 1961 we have manufactured a wide range of pneumatic, hydraulic and electric actuators suitable for all valve process applications.

Remote Control has a history of excellence within the flow control industry with long-standing relationships with customers, valve stockists and valve manufacturers all around the world.

Remote Control actuators are used in the world's most demanding operational environments including process industries, oil and gas, LNG/LPG, petro-chemical plants, power generation and other highly specialised sectors. You can choose Remote Control and be confident of receiving exceptional service and support from your No. 1 actuator and accessory partner.



The RC200 actuators are incredibly strong for their size. Customers appreciate their compact dimensions and the RC200 are often used for critical applications offshore. The special ball valve illustrated has double block function by two main shut-off balls and a separate bleed between the balls. A set of three independent working RC200 actuators control all functions of this valve.



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