



**RCT 200**  
**Pneumatic Actuator**  
**Reinforced corrosion**  
**Protected**





## Pneumatic Actuators



### The RCT200 series Reinforced corrosion protected actuators

- ▶ High degree of hardness and wear resistance
- ▶ An economic and low weight design in comparison to Stainless Steel
- ▶ Surface with good electric insulation property
- ▶ Torque range 12 Nm - 7600 Nm

## TECHNICAL INFORMATION

*RCT-actuators have a patented surface treatment method for aluminium, which combines hard anodising and fluoric plastic treatment.*

### Hardness

The surface coating of RCT actuators consists mainly of aluminium oxide, which has a hardness of more than 2000 HV.

The hardness of the layers is reduced, however, due to a certain micro porosity. Depending on the thickness of the layer and the quality of the aluminium surface, the hardness may vary between 400 and 600 HV.

As the layer is being built by converting the surface material, it is well secured to the base material and cannot peel.

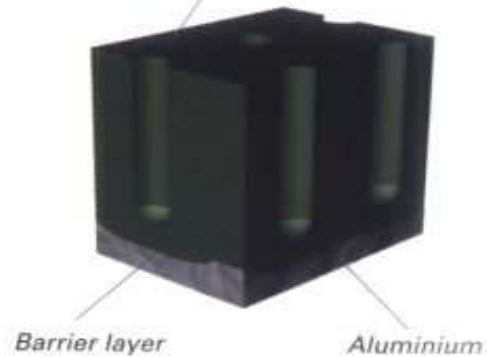
The high hardness degree of the layer allows the parts to withstand heavier point loading than untreated aluminium parts.

### Corrosion resistance

The layer offers a considerably higher corrosion protection than the conventional hard anodising.

The surface treatment has the best corrosion protective qualities, has a high hardness and withstands more than 2000 h corrosion testing in neutral salt mist without being affected, according to ASTM B 117.

*Micro pores sealed with fluoric plastic*



## REFERENCES

We have delivered RCT actuators to a variety of applications where the actuator must withstand even the most oppressive conditions. Among others to the chemical and petrochemical industry, off-shore, waste water treatment plants and to the pulp and paper industry.

For more information about different fields of application, please contact us.

We reserve our right for modifications caused by technical development.



Remote Control Sweden AB - Kontrollvägen 35 - SE-791 45 Fokur - Sweden - Tel: +46 (0)23 587 00 - Fax +46 (0)23 587 45  
rc.fokur@remotecontrol.se - www.remotecontrol.se

Ref No 02AA / Art No 880524