Carter Process Control GmbH offers superior quality replacement parts for control valves. These parts are engineered to provide outstanding performance and extended service life.

We guarantee that our replacement/re-engineered parts meet or exceed the quality of the Original Equipment Manufacturer (OEM) and are interchangeable in form, fit and function.

Why Choose CPC Trim Upgrades?

- **ISO Certified**—Every CPC part is manufactured in ISO certified facilities and backed by a full 12 months international warranty
- **Fast Response**—Our unique methods and in house design, engineering and innovative programs allow for rapid turnaround of normally long lead items.
- **Over 30 Years**—with more than 30 years experience in the control valve market our technical knowledge is a major factor to our continued success.
- **Made In Austria**—Our unique methods and simplified organisation allow for massive cost savings to be passed directly to our customers. Low cost but Western European made.
CPC were approached by a UK Power Station to help solve an ongoing repeat failure of a number of Feedwater Control Valves (HP, MP & IP).

After technical evaluation of the operating conditions and the current OEM valve we identified and presented a number of improvements to the customer.

It was clear that the OEM technology for this application was not up to the job so CPC engineered a trim solution that would fit directly into the existing OEM valve with no alterations to the body or actuator assembly.

CPC’s design included a number of improvements including relocating of the balance seal off the plug and into the cage plus the addition of labyrinth grooves on the plug to help reduce the velocity at the seat area.

- Piston rings failing on the plug
- Cavitation on the seat face
- CPC Design putting a Balance seal in the cage replacing the piston rings plus adding labyrinth grooves on the plug to help reduce cavitation.
**Oil & Gas Example**

CPC were asked by an Oil & Gas operator in Australia to solve a big problem they were experiencing on an unmanned platform. The problem was with a very high pressure drop low flow valve that was constantly failing due to poor design.

CPC quickly identified the root cause for the failure and presented the solution to the end customer. The customer involved a varied number of technical decision makers who all agreed the proposed solution was the right one to solve the problem.

CPC were given the order to manufacture as quickly as possible the solution so that the platform could get back to full production again. CPC completed the complete solution in under 4 weeks.

**OEM TRIM (Continually Failing/Poor Design)**

CPC’s Engineered Solution to fix the problem
“Severe Service Control Valve Trim Solutions”

Quality Policy

“We will achieve customer satisfaction by continually improving processes products and services to ensure they consistently meet or exceed customer requirements.”

Carter Process Control GmbH guarantees that all replacement parts meet or exceed the quality of the Original Equipment Manufacturer (OEM) and are interchangeable in form, fit and function, but provide cost effectiveness by being more competitive against the OEM price.

Our quality system is subjected to the most rigorous QC inspection and testing which begins with only providing the most superior mill certified materials assuring you that your Carter Process Control GmbH parts are manufactured to the highest standards. All sourcing and manufacture comes from qualified sources to again ensure the highest possible Standards.

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