

CONTROL VALVE

C700 Series Angle Control Valve

REF **EFC-469** ISSUED 06 Jul 2026

SPECIFICATIONS

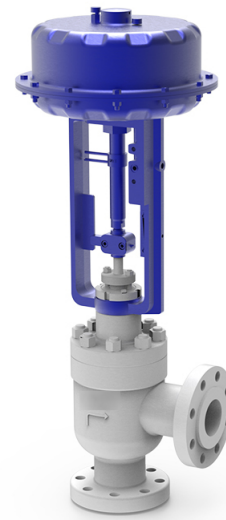
Size	DN40 to DN300
Temperature	-196°C to 525°C
Media	High-viscosity fluids, Fluids containing suspended solids, Fluids containing granular materials, Fluids subject to coking or adhesion, Fluids containing particles and mud, Vaporising fluids, High-pressure fluids

ACTUATION

- Pneumatic diaphragm actuator — RSMF type multi-spring pneumatic diaphragm actuator; large output force, long service life
- Electric actuator
- Manual actuator

APPLICATIONS

- Petroleum industry
- Chemical engineering
- Power stations
- Automation industries
- Processes with suspension and coking media



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

MATERIALS

Body **WCB, C5, CF8, CF8M, CF3, CF3M**

FEATURES

- Right-angle flow channel: inlet and outlet at 90-degree angle, medium changes direction within the valve
- Anti-clogging design: reduces particle deposition, suitable for suspended solids or high-viscosity media
- Flow characteristics selectable as linear or equal percentage
- Adjustable ratio up to 50:1
- Compact valve body structure
- Low pressure drop loss
- Large flow rate capacity
- Unobstructed flow channel with low resistance across adjustable range
- High accuracy of flow characteristic curve
- Self-cleaning and cleaning capability
- Pressure-balancing design available (cage-guided variants)
- Guide wing design to improve smooth fluid flow around sleeve (cage-guided variants)
- Bellows sealing option available (CAVHW701)
- Good dynamic stability and vibration resistance (applicable variants)
- Low noise and minimal cavitation corrosion (cage-guided variants)

OPTIONS & NOTES

- Material list includes '.....' indicating additional material options available beyond those listed
- Operator options listed as 'Pneumatic, Electric, Manual, etc.' indicating further options may be available on request