

CONTROL VALVE

CHM703 High-Pressure, High-Temperature, Multi-Stage Pressure-Reducing Control Valve

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SPECIFICATIONS

End connection	various
Temperature	-5°C to 566°C
Media	High-pressure differential fluids, Fluids containing particles, Cavitating fluids, Flashing fluids

ACTUATION

- Pneumatic
- Electric
- Other — Any type of drive device and accessories can be fitted

STANDARDS

Design	ASME
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APPLICATIONS

- Petroleum pipelines
- Chemical engineering pipelines
- Power generation equipment pipelines
- Metallurgy pipelines
- High-pressure differential fluid applications with cavitation, flashing, vibration, or high noise



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

MATERIALS

Body	WCB, WCC, LCB, LCC, WC6, WC9, CF8, CF8M, CF3, CF3M, Forged 20, 304, 316, 304L, 316L
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FEATURES

- Multi-stage pressure reduction to suppress cavitation, flashing, vibration, and high noise
- Suitable for fluids containing particles
- Low noise and vibration-free operation
- Tight shut-off with good regulation performance
- Compact structure with reliable sealing
- Shock and vibration resistant construction
- Suitable for frequent opening/closing and high-load operation
- Multiple body connection forms available
- Compatible with any actuator type and accessories
- Few wear parts; simple maintenance

OPTIONS & NOTES

- Special Custom Type (TII) for temperatures exceeding +566°C — please contact the technical department for details
- Other materials available on request