

FICTIONAL DEMO DOCUMENT - SPECIMEN ONLY. NOT A REAL PRODUCT, APPROVAL OR CERTIFICATE.

CV-110

Globe Control Valve

Characterised trim for precise throttling in liquids, gases and steam.

KEY FEATURES

- Characterised trim for precise throttling
- Rangeability up to 50:1
- Spring-diaphragm or piston actuators

The CV-110 is a single-seat globe control valve for liquids, gases and steam. A characterised plug gives predictable flow change for every percent of stem travel.

TECHNICAL SPECIFICATION

MEASUREMENT	
Principle	Linear control valve
Measuring range	0 to 3000 Cv
Accuracy	Linearity ±1 %
OUTPUT	
Signals	4–20 mA, HART
PROCESS	
Connection	Flange
Process temperature	-196 to 450 °C
ENVIRONMENT	
Ingress protection	IP66
APPROVALS	
Approvals (demo)	Pressure-equipment conformity, Functional safety SIL 2 capable
VALVE	
Nominal sizes	DN15 to DN300
Flow coefficient	Cv 0.1 to 3,000
Rangeability	50:1
Body materials	Carbon steel, 316, Duplex
Leakage class	IV or V

Specifications are illustrative demo values created for the INSTRAVA template. Replace with your own product data.