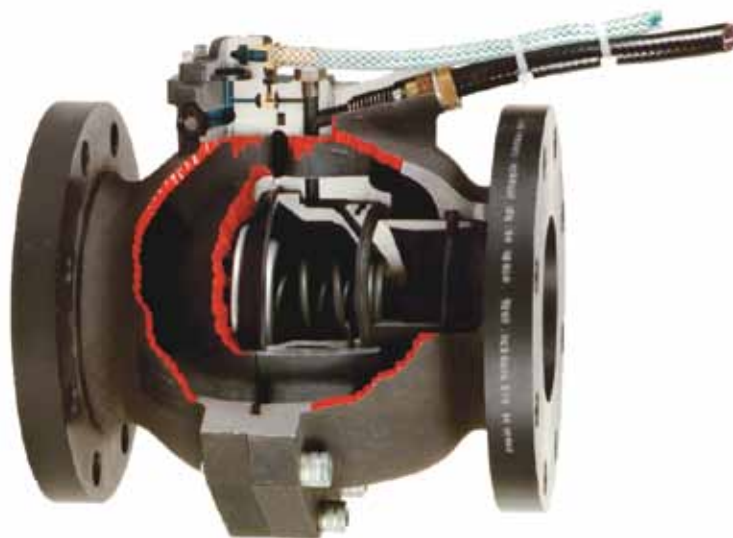


Fuelling products

Control valves

CCMY8600M2 4-inch inline pressure controller with deadman



A sliding piston automatically adjusts the pressure drop through the valve by reducing or increasing flow area. The piston is attached via a sealed stem to a diaphragm fitted in a chamber sealed off from the main flow. The diaphragm is exposed on one side to a remotely sensed fuel pressure and on the other side to reference air pressure.

The piston is spring biased to close, thus in the event of diaphragm failure or `deadman shut off` the valve will always terminate flow.

Key Features

- High flow rates
- Accurate pressure control and low hysteresis
- Low pressure drop
- Excellent stability at all flow rates
- Flanged 4" ASA 150w
- 4-inch to 6-inch ASA 150 Adaptors available
- Air referenced
- Controlled opening and closure
- Reliable diaphragm operation

Meggitt Control Systems

Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fuelling products | Energy products | Aftermarket services

MEGGITT
smart engineering for
extreme environments

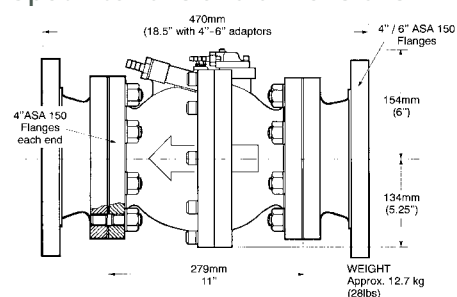
Fuelling products

Control valves

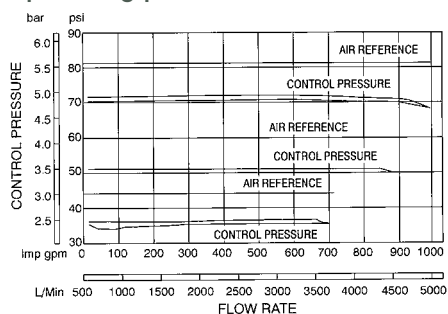
CCMY8600M2 4-inch inline pressure controller with deadman

Key Dimensions

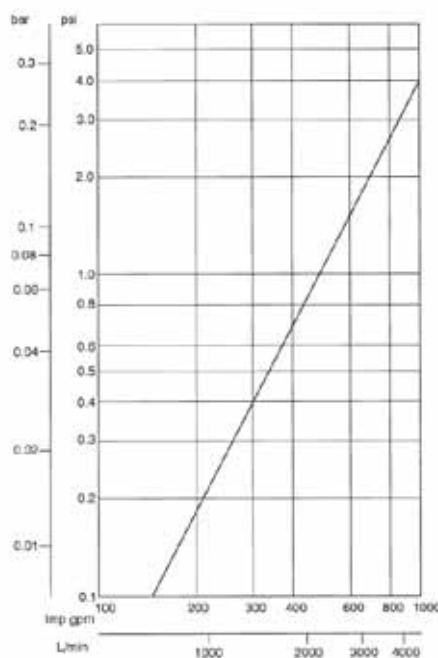
Specifications and dimensions



Operating pressure control



Pressure drop



Pressure Rating Max. Working Pressure
Max. Test Pressure
Max. Flow Rate

12.1 bar (175 psi)
19.0 bar (275 psi)

4500 l/min
1000 Imp.gpm
1200 US gpm

Pressure Drop At Max. Flow Rate

0.28 bar (4 psi)

Pressure Control

± 0.14 bar (2 psi)

Air Reference Bias

0.7-0.8 bar (10-12psi)

DEADMAN

Opening Time Approx.

10.0 seconds (adjustable by

Closing Time Approx.

5.0 seconds fixed orifices)

Overshoot At Max. Flow Rate

190 Litres
42 Imp. gall
50 US gall

Contact

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