

Energy products

Gas metering valve C421725

Two-inch flange,
electro-hydraulic
servo actuated (EHA)



Meggitt's two-inch right angle, plug style gas metering valve is designed for use on large frame industrial gas turbine engines. This product includes high pressure recovery trim with exceptional position control.

Specifications

Function:	Precision fuel gas metering for large frame turbine engine control, fail-safe closed
Physical size:	10.94" wide, 10.8" deep, 27.1" long
Weight:	57 pounds (estimated, dry)
Flange type:	2" ANSI B16.5 CL 300 raised face flanges
Trim size:	5/8 inch
Line pressure:	0 to 700 psia
Actuation pressure (hydraulic fluid):	1016 to 1160 psig, 2 gpm maximum flow, 10 to 200EF
Fluid temperature:	-65 to 300°F
Ambient temperature:	-65 to 250°F
Performance:	
Flow:	300 to 22,000 pounds/hour, natural gas
Pressure drop:	16 psid at 450 psia, 300°F, 15,000 pounds/hour, fully open
Internal leakage:	ANSI/FC170-2, class IV
Operating time:	700 msec opening or closing, 200 msec trip time
Electrical:	
Servo valve:	3 coils, 80 ma/coil for maximum flow
LVDT:	Excitation, 7.07 (±0.14) volts rms, 3000 (±300) Hz
Variations:	Outlet orientation direction optional

Key features

- Accuracy, ±3% of flow point
- Hydraulic servo valve position control
- Used on both DLE and SAC turbine engines
- Explosion proof design
- All stainless steel valve and yoke materials for NACE compliance
- No maintenance required under normal conditions

Meggitt Control Systems

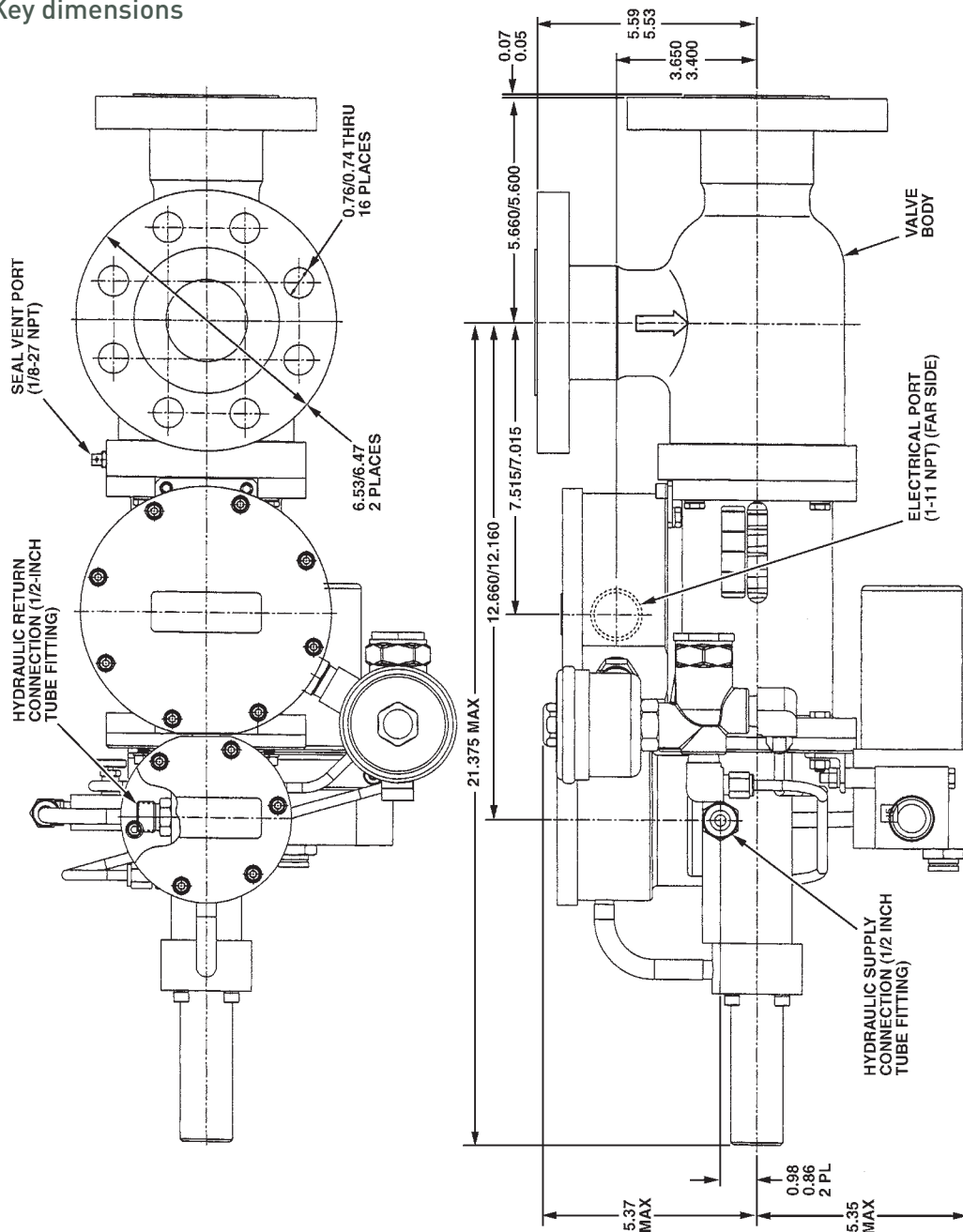
Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fueling products | **Energy products** | Aftermarket services

MEGGITT
smart engineering for
extreme environments

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Key dimensions



NOTE: DIMENSIONS SHOWN ARE IN INCHES

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