

## Energy products

# Fuel trim valve C327735

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



Meggitt's three-inch right angle, sleeve style fuel trim valve is designed for use on industrial gas turbine engines.

### Specifications

<b>Function:</b>	Precision fuel trim large frame turbine engine control, fail-safe open
<b>Physical size:</b>	11.0" wide, 10.0" deep, 33.0" long
<b>Weight:</b>	145 pounds (maximum, wet)
<b>Flange type:</b>	3" ANSI B16.5 CL 300 raised face flanges
<b>Line pressure:</b>	0 to 720 psig (natural gas); 0 to 440 psig (CDP air)
<b>Actuation pressure (hydraulic fluid):</b>	600 to 1000 psig, 70 to 200°F
<b>Fluid temperature:</b>	300°F maximum (natural gas); 1100°F maximum (CDP air)
<b>Ambient temperature:</b>	-65 to 350°F
<b>Performance:</b>	
<b>Flow:</b>	0 to 9460 pounds/hour normal; 11,000 pounds/hour maximum
<b>Pressure drop:</b>	Less than 5 psid at 515 psia, 300°F, 11,000 pounds/hour, fully open
<b>Internal leakage:</b>	Less than 50 pounds/hour at all operating pressures
<b>Operating time:</b>	250 msec opening or closing, fail-safe open within 5 seconds (electrical failure)
<b>Electrical:</b>	
<b>Servo valve:</b>	2 coils, 20 to 190 ma
<b>LVDT:</b>	Excitation, 7.07 (±0.14) volts rms, 3000 (±300) Hz
<b>Position indicating switches:</b>	Open and closed, 24 VDC

### Key features

- Fail-safe open
- Hydraulic servo valve position control
- Open and closed position indicating switches
- LVDT position feedback
- For use on both DLE and SAC turbine engines
- High temperature gas control (1100°F)
- All stainless steel valve and yoke materials for NACE compliance
- No maintenance required under normal conditions

## Meggitt Control Systems

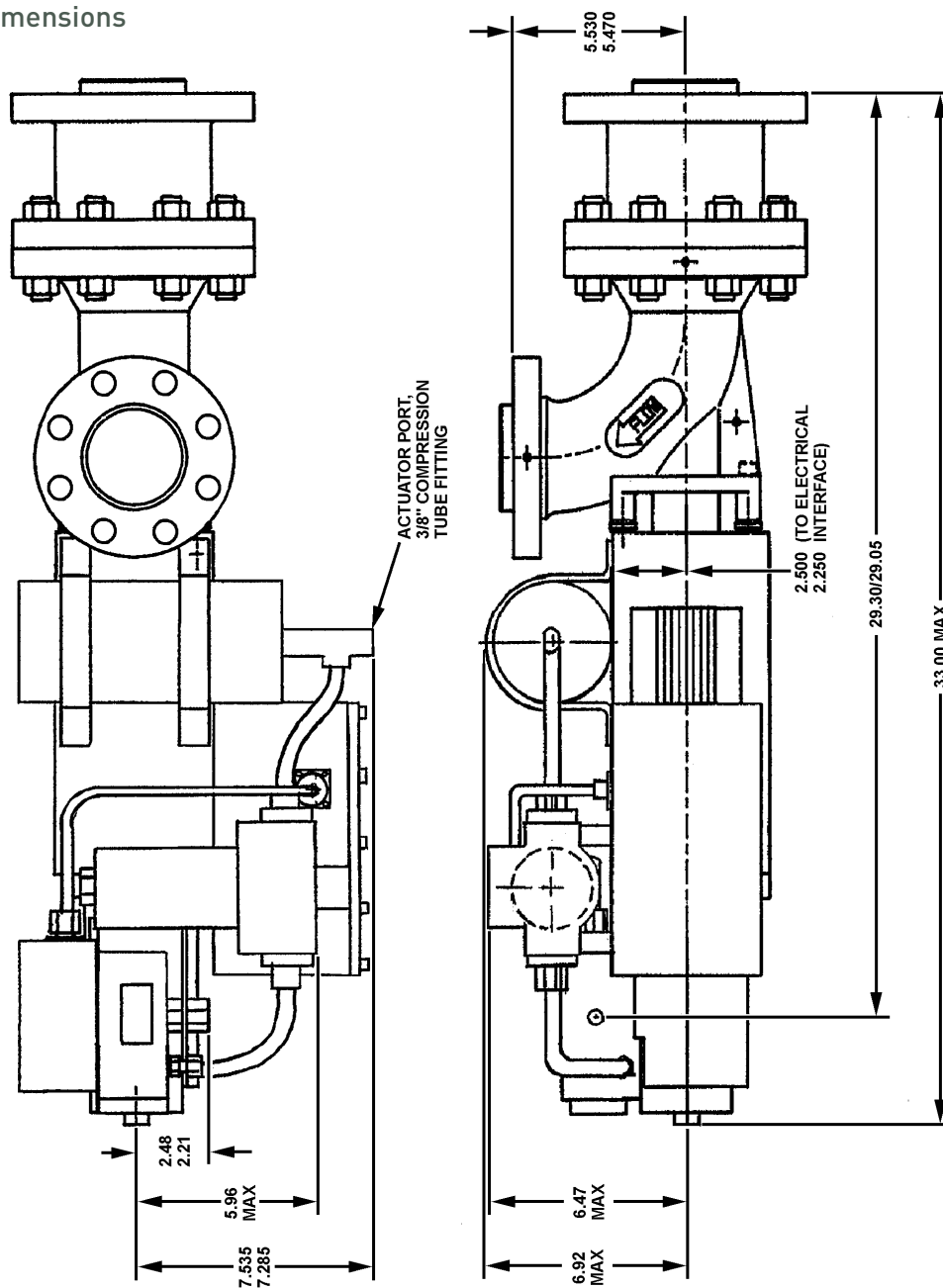
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**MEGGITT**  
 smart engineering for  
 extreme environments

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Key dimensions



NOTE: DIMENSIONS SHOWN ARE IN INCHES (MM).

Contact

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