

Energy products

Blowoff valve

C327395, C327755, C423105

Three-inch outlet flange,
24 or 95-140 vdc,
solenoid-pilot actuated (SPA)



Meggitt's three-inch sleeve style gas blowoff valve is in use on aero-derivative industrial gas turbines.

Specifications

Function:	Natural gas or air (compressor discharge) blowoff for gas turbine engines
Type:	Normally open (fail open), solenoid-pilot actuated, three inch elbow, sleeve valve, 24 or 95-140 VDC
Physical size:	7.5" wide, 25" high
Weight:	94 pounds maximum
Flange type:	3.0" ANSI B16.5 CL 600 raised face flanges (C237395 and C327755 – 2.0" ANSI B16.5 CL 600 raised face inlet flange)
Line pressure and temperatures:	
Gas operation:	C327395 and C327755 – 720 psig (natural gas), 300°F maximum; C423105 – 900 psig (natural gas), 400°F maximum
Fuel operation:	327395 and C327755 – 452 psig, 1100°F compressor discharge air; C423105 – 640 psig, 800°F compressor discharge air
Actuation pressure:	80 to 125 psig (externally supplied)
Ambient temperature:	-20 to 240°F
Heat soak:	400°F maximum ambient, 1 to 2 hours
Performance:	
Internal leakage:	Complies with MSS-SP-61
Operating time:	100 to 110 msec full stroke opening response, 1 second full stroke closing response
Electrical:	
Solenoid:	C327395 and C423105 – Continuous duty, 24 VDC nominal (18 to 30 VDC), 1.92 amperes maximum; C327755 – Continuous duty, 95-140 VDC, 0.43 ampere maximum
Position indicating switch:	C327395 and C423105 – Dual 24 VDC, 2-wire, SPDT; C327755 – Dual 125 VDC, 2-wire, SPDT

Key features

- Fail-safe open (de-energized)
- Open and closed position indicating switch circuits
- 110 msec full stroke opening time, 1 second full stroke closing time
- Designed to withstand 400°F heat soak temperatures
- Supplied with mounting kit
- For use on both DLE and SAC turbine engines
- Certified CE-ATEX group IIA, category 3, zone 2, T3
- All stainless steel valve and body 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

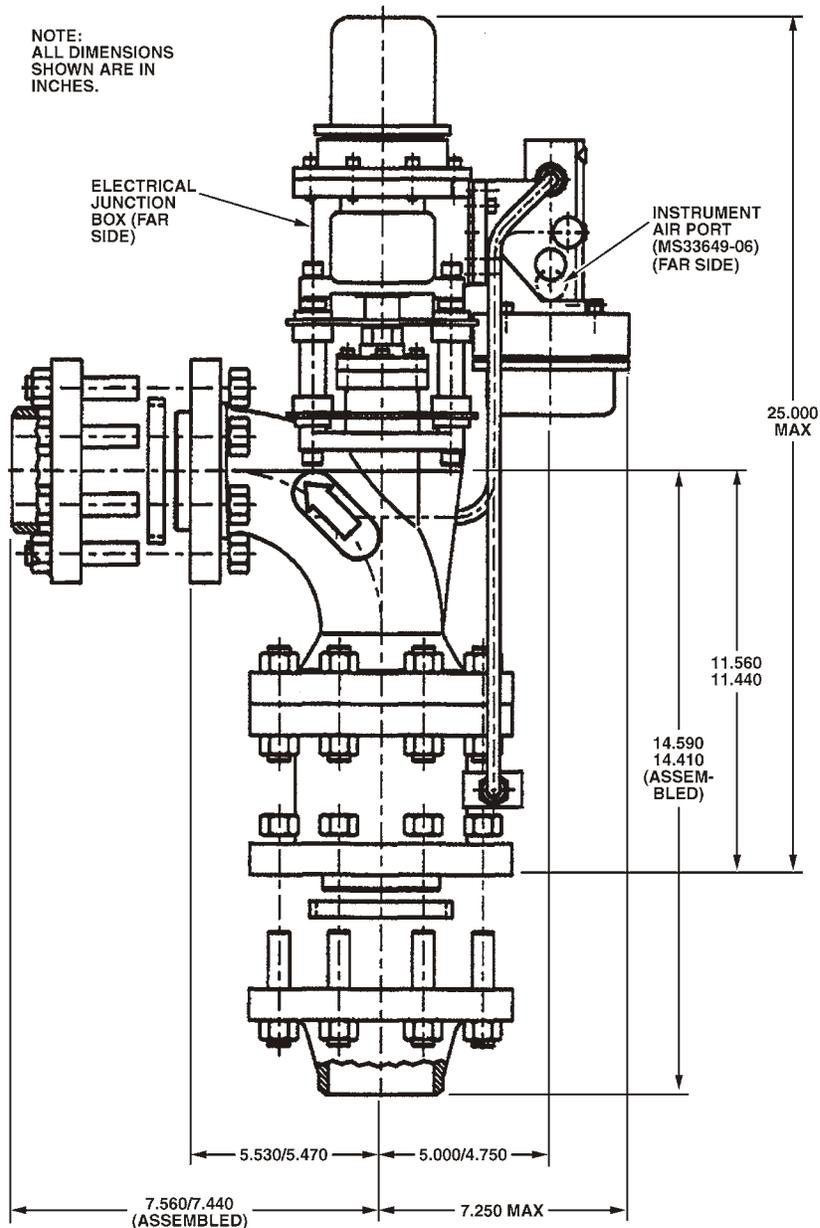
MEGGITT
smart engineering for
extreme environments

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Key dimensions



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