

Energy products

Bleed air valve C421935

Eight-inch flange, 220 vac,
 electromechanically actuated (EMA)



Meggitt's eight-inch globe style bleed air valve is designed for use on large frame industrial gas turbine engines. Its exceptional response characteristics outperform hydraulic or pneumatic solutions.

Specifications

Function:	Inlet air bleed for large frame turbine engine control
Physical size:	22.5" flange to flange, 16.75" wide, 49.67" high
Weight:	1000 pounds
Flange type:	8" ANSI B16.5 CL 300 raised face flanges
Line pressure:	0 to 350 psig
Fluid temperature:	0 to 850°F
Ambient temperature:	-65 to 200°F
Performance:	
Flow:	Linear characteristics, Cg = 22,000, quiet trim
Internal leakage:	ANSI class IV
Operating time:	Fully open or fully closed within 1.5 seconds, fail-safe open (power loss)
Electrical:	
Motor:	120-230 VAC, 5 amperes steady state maximum; 20 amperes maximum peak
Resolver:	4 VAC, 25 to 60 ma maximum
Control interfaces:	4 to 20 ma commands; RS-422/RS-485 serial communications

Key features

- Accuracy, ±3% of flow point
- High speed brushless DC servo motor performance, 20 Hz frequency response
- Fail-safe open in less than 1.5 seconds
- 1.5 seconds full stroke response time
- Designed for use on both DLE and SAC turbine engines
- Explosion proof design
- All steel valve and yoke materials for NACE compliance
- No maintenance required under normal conditions

Meggitt Control Systems

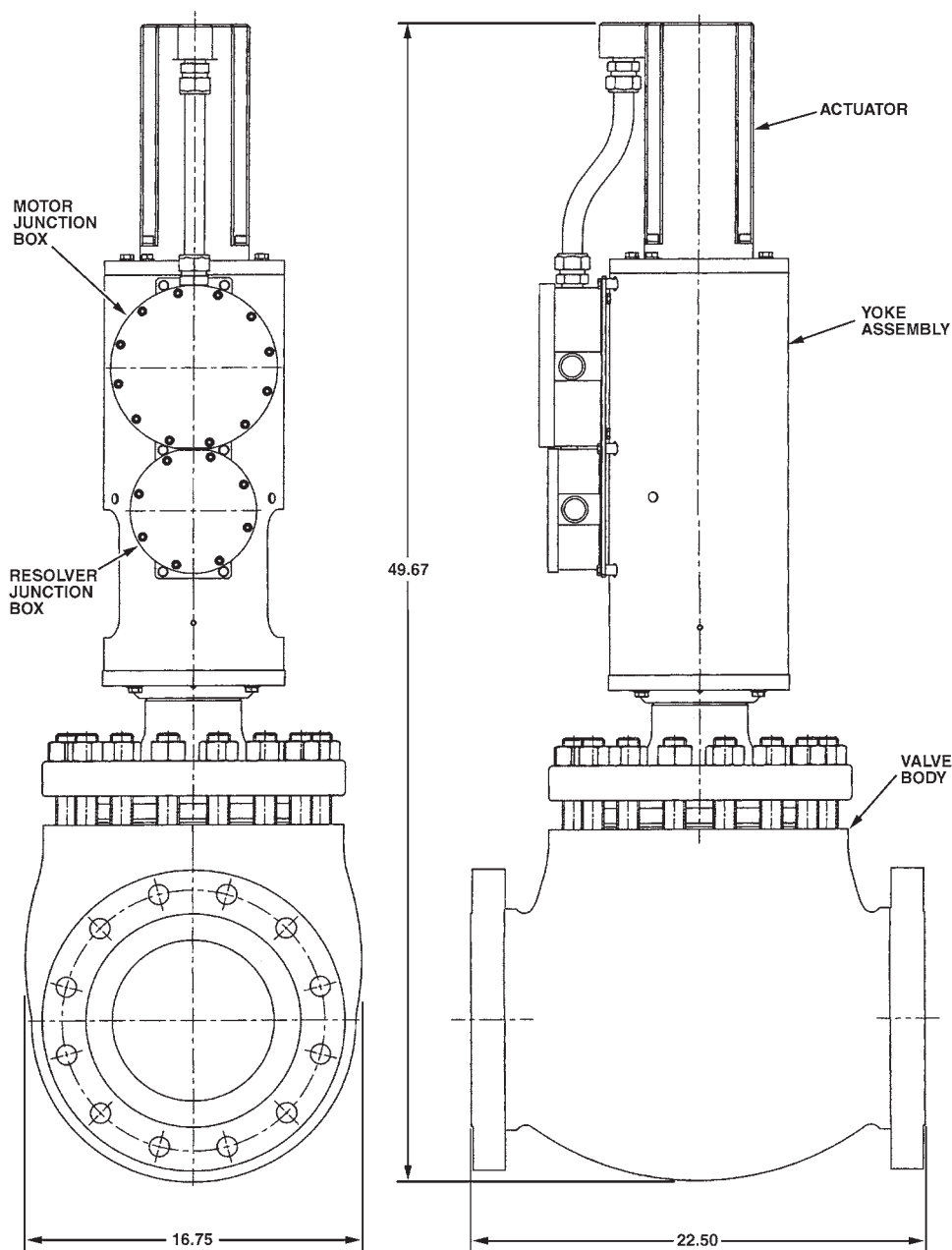
Our product competencies & services:
 Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
 Ground fueling products | Energy products | Aftermarket services

MEGGITT
 smart engineering for
 extreme environments

Energy products

Bleed air valve C421935

Key dimensions



NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES.

Contact

Meggitt Controls

12838 Saticoy St
North Hollywood
California 91605-3505
USA

Telephone: (818) 765-8160
FAX: (818) 759-2194

www.meggitt.com

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