Meggitt’s butterfly valves are designed for bleed air control on aero-derivative industrial gas turbine engines. This design was generated specifically for increased cycle life of the bearings and butterfly element while implementing precision control and position indication.

**Specifications**

- **Flange Connections:** AS1895
- **Type:** Normally Open Hydraulically Actuated Modulating Valve
- **Function:** Compressor bleed regulation
- **Inlet pressure:** 0 to 250 psia max
- **Bleed air temperature:** 745°F max
- **Weight:** 55 lbs
- **Ambient temperature:** -65 to 350°F

**Performance:**
- **Operating speed:** 320 msec full stroke operation
- **Internal leakage:** 6.0 ppm max at 200 psia

**Electrical:**
- **Servo valve:** -100 to +60 mA operating current
- **Electrical connector:** M83723 type
- **LVDT:** 7.07 ± .14 Vrms at 3kHz excitation, -0.435 to 0.435 V/v output

**Key features**

- Redundant position indicating LVDT
- Robust bearing shaft design
- Bearings designed for dither cycle service
- High temperature material in bearing
- Increased thermal isolation of electric components
- Butterfly disk permanently joined to the shaft
- Effective flow area = 19.1 square inches max
- Fail-safe open
- Less than 320 millisecond full stroke response time

**Our product competencies & services:**

- Aerospace valves
- Thermal management solutions
- Environmental control systems
- Electro-mechanical products
- Ground fueling products
- Energy products
- Aftermarket services
Energy products

6” Butterfly bleed air valve
C424065

Key dimensions

Contact

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