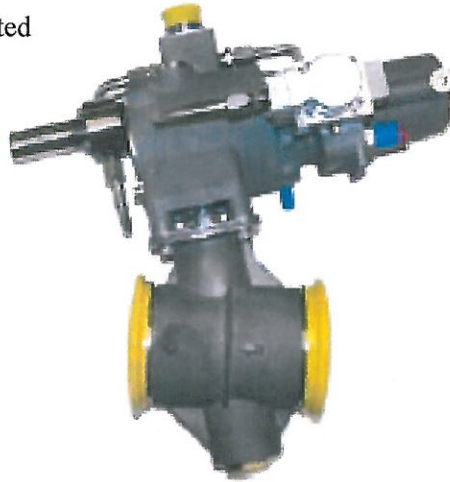


4" Butterfly bleed air valve C424045

Four inch flange,
Hydraulic servo actuated



Key features

- Redundant position indicating LVDT
- Robust bearing shaft design
- Bearings designed for high cycle service
- High temperature materials in bearing
- Increased thermal isolation of electric components
- Butterfly disk permanently joined to the shaft
- Fail-safe open
- Less than 320 milliseconds full stroke response time

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.

Function	Compressor bleed regulation
Type	Normally Open Hydraulically Actuated Modulating Valve
Flange connection	AS1895
Inlet pressure	0 to 550 psia max
Bleed air temperature	1200° F max
Weight	46 lbs
Ambient temperature	-65 to 350° F
Performance	
Operating speed	320 msec full stroke operation
Internal leakage	6.0 ppm max at 450 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

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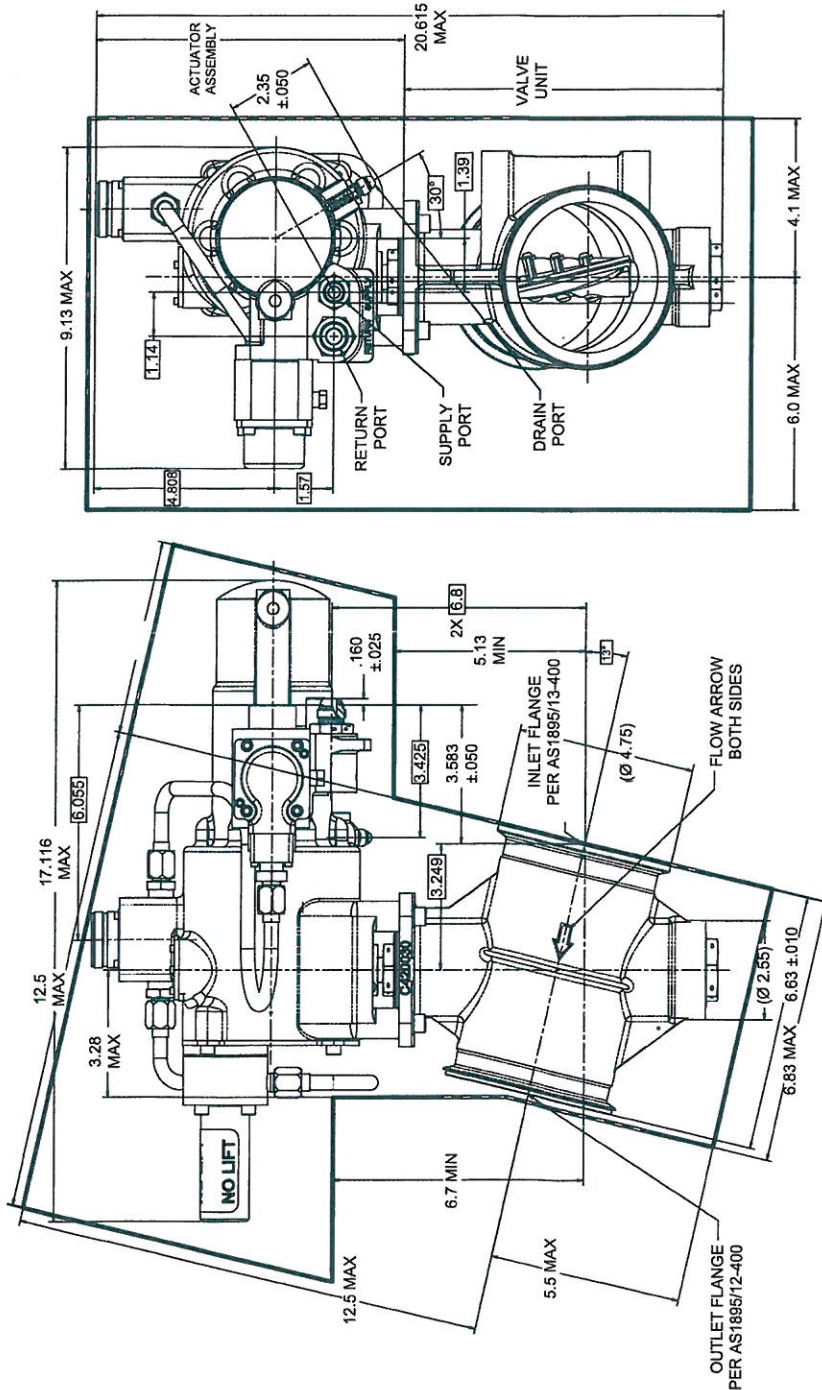
Our product competencies and services:
Aerospace valves | Thermal management solutions | Electromechanical products | Ducting | Ground fuelling products | Industrial controls | Aftermarket services | Safety systems

MEGGITT
smart engineering for
extreme environments

4" Butterfly bleed air valve

C424045

Key dimensions



Contact

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