

APPLICATIONS

Aircraft
Helicopters
Industrial

FEATURES

Fail Safe Operation
Minimum Power Requirements

SPECIFICATIONS

Part Number:
9485-3-000

Service Fluid:
Air, Inert Gases

Weight:
4.45 LB Max

Material:
Aluminum Body

Operating Pressure:
0 PSI to 5 PSI

Non-Operating Pressure:
8 PSI

Pressure Drop:
0.25 PSI @ 500 SCFM Air

Solenoid Voltage:
28 VDC Nominal

Solenoid Power:
Nominal: 30W (REF) @ +70°F,
28 VDC

Coil Resistance:
31 OHMS (REF) @ +68°F

Operating Temperature:
-40°F to +160°F
(-40°C to +71°C)



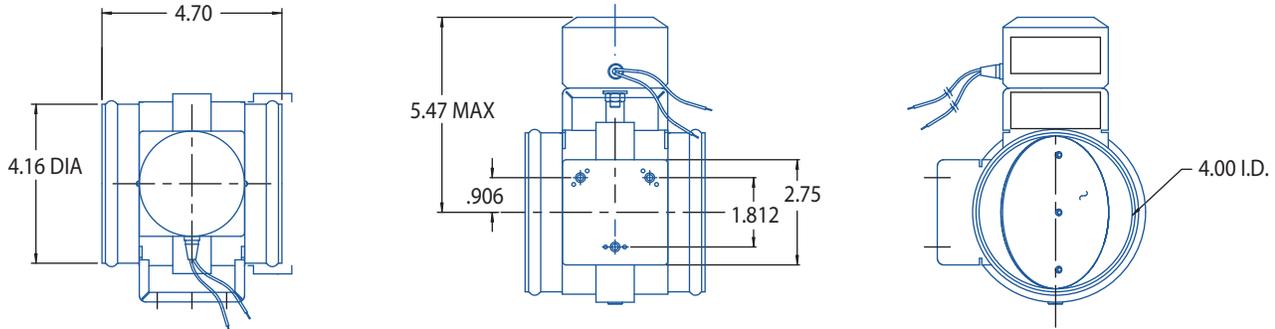
Solenoid Operated Butterfly Valve

The Aerodyne solenoid operated butterfly valve, Model 9485, provides simple system control with on/off operation. This normally closed valve requires 28 VDC to open. Simplicity of the rotary solenoid allows for a large orifice valve (with a corresponding low pressure drop) and minimum power for operation. Spring return provides this valve with fail-safe (valve is closed without electrical power) operation.

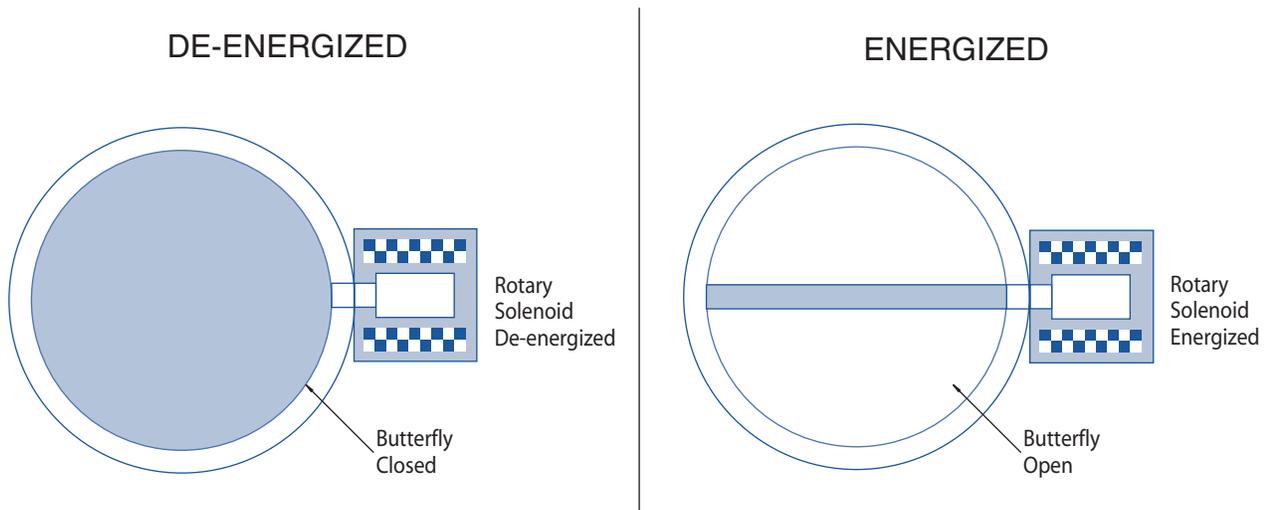
Aerodyne Controls has been serving the military, aerospace, medical and instrumentation markets with precision custom products since 1958. For more information, call: **631-737-1900** or e-mail: **sales@aerodyne-controls.com**.

MODEL
9485
**Solenoid Operated
Butterfly Valve**

DIMENSIONS



FUNCTIONAL SCHEMATIC



Custom fluid controls and motion sensors since 1958

30 Haynes Court Ronkonkoma, New York 11779 Phone: 631-737-1900 Fax: 631-737-1912 www.aerodyne-controls.com