

Capacity Range:
900 to 55,000 scfh (25 to 1,500 Nm³/hr) air



Threaded Butterfly Motorized Package Valves Selas Model TBV-CMAP

The Selas TBV-CMAP motor-operated butterfly valves (Product No. 1312) are used for modulating air and gas flows for most types of combustion systems.

How It Works

The valve body is cast iron, the disc is steel, and the shaft is brass. Special materials for corrosive gases are available. A unique "O"-ring seal prevents leakage around the shaft. The valve crank rotates through an 80° arc. Disc position is

indicated by a pointer on the valve crank arm and a scale on the valve body. The motor mounting base is pre-drilled for Honeywell, Barber Colman, and Leeds & Northrup control motors.

Applications:

- Air/gas flow modulation for combustion systems



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Operating Principles

Modulating motors generally require that the shaft be horizontal. The motor should be wired according to the manufacturer's installation instructions so that proper rotation is achieved. Limit switches on modulating motors should be used to limit stroke.

The TBV-CMAP includes the butterfly valve, motor mounting base, valve crank arm, and an adjustable linkage rod. Modulating motors are available.

Features	Benefits
Adjustable, automatic flow control valve	Economical air/gas flow modulation
Double bearing support shaft	Positive alignment
Unique O-ring shaft seal	Prevents leakage
Cast iron valve body with steel disc	Rugged and corrosion resistant



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