

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



Motorized Butterfly Valve Package With Flange

Motor-operated butterfly valves modulate air and gas flows for most types of combustion systems.

How It Works

The flanged construction eliminates the need for pipe unions. A unique "O"-Ring seal prevents leakage around the shaft. The valve crank rotates through an 80° arc. Disc position is indicated by the crank arm pointer relative to the valve

nameplate scale. The motor drive mounting base is pre-drilled for Honeywell, Barber Colman, and Leeds & Northrup control motors. The valves may be mounted either horizontal or vertical.

Applications:

- Modulating air and gas flows for most types of combustion systems



Diverse Combustion Technologies. One Reliable Source.

Operating Principles

Modulating motor operation generally requires 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 BV-CMAP includes the butterfly valve, motor mounting brackets, valve crank arm, and an adjustable linkage rod.

Features	Benefits
Automatic flow control valve	More economical combustion
Works with most gases and air	Process versatility
Double bearing shaft	Stays in positive alignment
Disc position indicator	Ease of operation
Cast iron body and steel disc	Durable construction



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