



Industrial Butterfly Valves

Butterfly Valve Flow Control

Industrial Butterfly valves are an important component in the marketplace and critical for process heating and flow control applications. Marshall W. Nelson & Associates specializes in flow control, understanding various types of butterfly valves, and how they work with a variety of control applications. Review these various types of industrial butterfly valves in this article, or simply contact us to discuss your specific application needs.

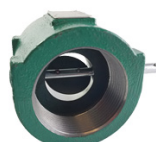
Butterfly Valve Operation

The butterfly valve operation is to control the flow of the desired gas. The typical butterfly valve has a disc positioned in the center of the valve. This disc has a rod that passes through it so an actuator on the outside of the valve can control the amount of rotation of the disc. Air, natural gas, and propane are the most common types of control flow needs for an industrial application.

Various Types of Industrial Butterfly Valves



[Siemens VKG Butterfly Valve](#)



[Honeywell Eclipse Butterfly Valve](#)



[Siemens VKF1x Butterfly Valve](#)



[Dungs DMK Butterfly Valve](#)

Common Sizing Questions:

Pipe Size?	Ex: 2" NPT
Flow Rate and Type of Gas?	Ex: 1000 CFH, Natural Gas
Environment?	Ex: Indoors or Outdoors
Approval Needed?	Ex: UL
Application Type?	Ex: Manual or Automatic

There are different design specifications for industrial butterfly valves based on gas types, pressures, flows and usages. For low flow applications, valves may be selected with a reduced port size. For high flow systems, it is important to choose your butterfly valve with only enough pressure drop for good control...

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