

Mix Proof Butterfly Valve



Challenge

Many areas in a process plant require protection between incompatible fluids. There are a number of ways that this can be accomplished. In areas that do not require safe separation of product, for example product/product, water/product or CIP/product separation, a lower cost solution using swing bend panels, or single seat or butterfly valves in a block and bleed configuration, can be effective. However, swing bend panels come with high manpower, high volume of waste, slow changeover between products, and are difficult to expand. Block and bleed designs require more valves, increase control system costs and are more likely to contain dead legs.

Solution

Norit Südmo's Mix Proof Butterfly Valve provides safe separation of incompatible fluids in a compact design with significant advantages over traditional block and bleed installations. By integrating two butterfly discs and independent vent/drain valves into a common housing, the Norit Südmo Mix Proof Butterfly Valve completely isolates the cleanable leakage chamber with a single valve housing and actuator.

Backed by Norit Südmo's proven technology, superior service and extensive application know-how, the advanced design of our Mix Proof Butterfly Valve gives you complete confidence in product safety, with reduced installation and control costs.