



# Rotary Valves MVF made to fit

*Engineered to last*

## DIMENSIONAL FLEXIBILITY

The MVF range is an incredibly flexible way of making a rotary valve exactly fit your application. We can make round, rectangular and square valves in almost any combination.

We use standard components such as shaft seals and end covers wherever possible to reduce the cost and delivery time of the unit. Freedom of fabrication allows us to use a vast range of materials including wear plate and exotics such as Hastelloy.



Square in, round out valve

## WEIRD AND WONDERFUL

We have made valves that are very large or small, with steam jackets, ceramic linings, pressure shock resistant, and high temperature versions along with various rotors from friction relieved to castellated scrapers.



2m long steam jacketed valve

For very sticky products we have a range of ways of getting it out of the rotor pockets, from the simplest compressed air jets to active, gear driven synchronised scrapers that mechanically wipe the pocket clean as it rotates. To help even further we can apply non-stick coatings to the valve internals to stop product build-up.

## ATEX CERTIFICATION

Available for St2 dusts, our Atex certification covers all types of rotor and body configurations for use with explosive dusts, internally to zone 20. For use as an explosion isolation unit, the configurations are a little more restrictive but the body shapes are still very flexible as long as the integrity of the explosion protection is not affected.



1.2m with wear liner

## ONE-OFF DESIGNS

Our design and production is set up to produce one-off designs and low volume production runs. We use the latest 3D CAD systems, stress analysis and calculation tools to streamline designs, making one-offs and small batch runs a viable option.



Lengthened body

## PROVEN TECHNOLOGY

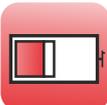
Ultra reliable, low maintenance mechanical seals are a standard fitment for our valves. We have developed them so they can be used up to 280°C, eliminating expensive downtime and loss of product. 50 years of design give us a huge library of experience which we can put into your valve.



Butterfly



Rotary



Slide



Knifegate



Diverter



Dyris



Ceramic



Specials



Sifter



Seals

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