



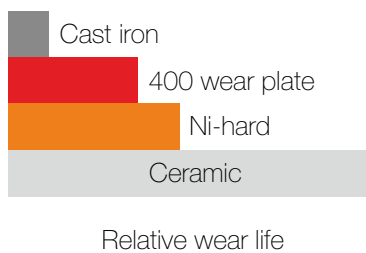
# Rotary Valves MVX wear resistant

*Engineered to last*

## ADDING WEAR RESISTANCE

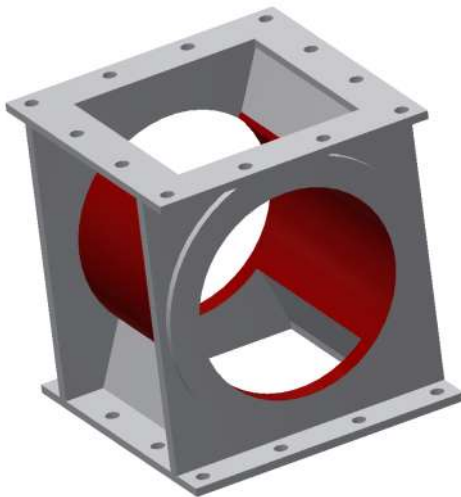
The MVX range is designed to be made from wear resistant materials in the areas of the valve that commonly wear out the fastest.

Normal steel and iron materials have a limited wear life when used with abrasive products. For a small additional cost, we can design the valve so that it uses wear plate in areas susceptible to wear.



## BODY WEAR

Worn valves have a distinctive wear pattern round the barrel part of the body. They normally erode towards the sides of the valve where the air leakage through the clearances is greatest.



By using hard wear plate, the life can be increased typically by a factor of 4 over standard materials. The material is not a thin coating but hard all the way through so won't flake off like traditional hard coatings.

## ROTOR WEAR

The ends and tips of a rotor wear the fastest. Using the same hard plate as the body on the rotor ends and tips, the rotor life can be greatly extended.

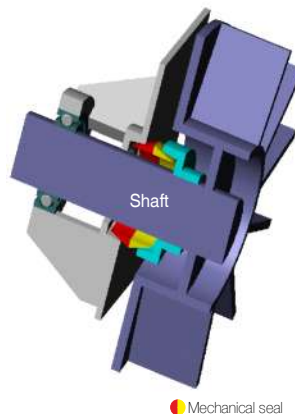
The can be made replaceable for easy rebuilds with the hard parts replaceable leaving the precision machined shaft in place for reuse. This reduces the lifetime ownership cost of the valve as these non-wearing parts can be reused many times.



## LEAK FREE MECHANICAL SHAFT SEALS

With traditional seals the product pushes past packings and wear the shaft and even the body behind hard facings can wear out. Used for over 25 years, MID's unique mechanical shaft seals are leak tight and maintenance free, dramatically reducing maintenance costs and improving site housekeeping.

**Eliminate all repetitive, leaking shaft maintenance**



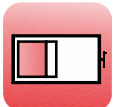
- Have no loss of product
- Immediately improve housekeeping and health and safety standards
- Eliminate compressed air purge costs
- Extend bearing life



Butterfly



Rotary



Slide



Knifegate



Diverter



Dyris



Ceramic



Specials



Sifter



Seals

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