Types of Rotors

Our suite of rotors work with the demands, challenges and regulations involved with a wide range of materials. Choose the rotor that's right for your valve.

Closed End Rotor
Used with extremely abrasive material to protect the outboard bearings and endplates. Also used for flake or chip material to reduce risk of material jamming between rotor and housing.

Open End Rotor
8 vanes are standard for this rotor, but it is also available in 6, 10 and 12 vanes.

Adjustable Rotor
Where moderately abrasive material is conveyed, tips will wear prematurely. Adjustable tip rotors allow for easy replacements.

Flex Tip Style Rotor
This rotor is used with fibrous materials, flakes or chips. We don’t recommend its use in 3 PSI or higher.
Metering
When smaller amounts or test batches of material are needed, this rotor will meter them out.

Helical Rotor
Get more uniform material flow with our Helical rotor.

Reduced Volume Rotor
Reduces the Cubic Foot per Revolution (CFR) for less flow rate and to help meter product.

Radius Pocket
Unlike the standard V-shaped rotor pocket, this rotor’s pockets are U-shaped. The pocket shape minimizes material packing in the crease of a rotor vane, making it optimal for sanitary or food grade valves.

Staggered Pocket Rotor
Continuous and uniform flow with 16 offset pockets to provide a more accurate rate of material flow.