

## Versions Rotary Valves.

### > OPERATING TEMPERATURE

STANDARD VERSION	-20°C up to 60°C
OPTION 1	Up to 220°C
OPTION 2** (HIGH TEMPERATURE)	From 220°C

\*\* Available for ZKD, ZVH, ZVB, ZVD, ZGM

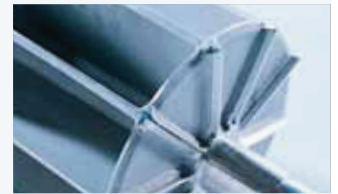
#### C-ROTOR

- \_ Closed end rotor with wide end plates
- \_ Axial fitted with a narrow gap
- \_ Used for abrasive products



#### X-ROTOR

- \_ Closed end rotor with additional blades on both sides
- \_ Used for fibrous products



#### STATIC KNIFE IN THE HOUSING

- Installation at powder valves for:
- \_ Fibrous products and ground rigid materials
  - \_ Special applications (e.g. reactor discharge PE/PP)

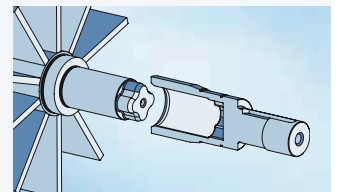


#### QUICK CLEANING

##### .2 EXECUTION\*

##### .3 EXECUTION \*\*

- \_ Compared to the **standard execution .1** the rotor can be dismantled at the quick cleaning execution without any adjustment
- \_ Single sided coupling at the rotor shaft
- \_ Side cover and rotor can be dismantled as unit
- \_ Double sided coupling at the rotor shaft
- \_ Side cover and rotor can be dismantled as single parts



\* for ZXD up to size 400 available, for ZRD, ZKD and ZVD up to size 480 available, for ZVB and ZVH up to size 550 available

\*\* for ZXD up to size 350 and for ZRD up to size 400 available

OPTIONS AND ACCESSORIES FOR ROTARY VALVES | **VERSIONS**

> **MATERIALS OF CONSTRUCTION**

AC	Housing cast aluminum hard-coated	Rotor stainless steel
SS	Housing stainless steel	Rotor stainless steel
SC	Housing stainless steel, bore hard chrome plated	Rotor stainless steel
GG	Housing cast iron	Rotor mild steel
GC	Housing cast iron, bore hard chrome plated	Rotor mild steel
CC	Housing cast iron, inside hard chrome plated	Rotor stainless steel
NN	Housing cast iron, inside nickel plated	Rotor stainless steel



**CHAMFERED BLADES**

- \_ Reduction of the surface by relief grinding
- \_ Decrease of the friction with powders



**SCRAPER BLADES**

- \_ Scraper blades for scraping of build-ups in the housing bore
- \_ Used for adhesive and sticky products



**SHALLOW POCKETS  
(F-DESIGN)**

- \_ For better discharge performance or volume reduction
- \_ Used for adhesive and slightly cohesive products



**SEAL PURGE**

- \_ Gas purged labyrinth rings to protect the shaft seal at open end rotors (ZXQ, ZAQ, ZXD, ZRD, ZKD, ZVD) for powder application