

DuroProtect®

DIVERTER VALVE FOR WEAR APPLICATIONS

- _ WRK
- _ WZK in wear resistance execution with pipe inserts in wear resistant material

Usable for	Dilute phase conveying	Dense phase conveying
WRK	yes	no
WZK	yes	yes



Thick walled cast iron housing

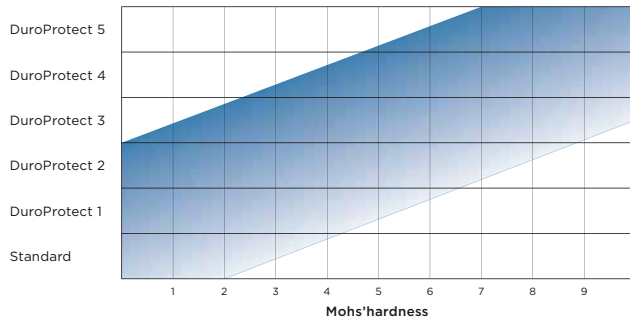
Wear resistance through product layer

Inserted ring of ceramics, DuroKera, to protect the sealing surface

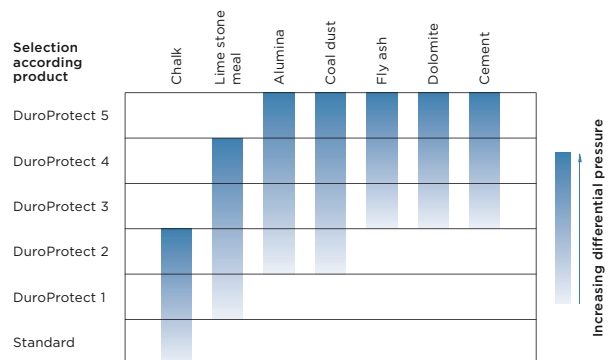
For more details to the diverter valve see chapter WRK

DUROPROTECT® LEVEL FOR ROTARY VALVES

Selection according Mohs'hardness



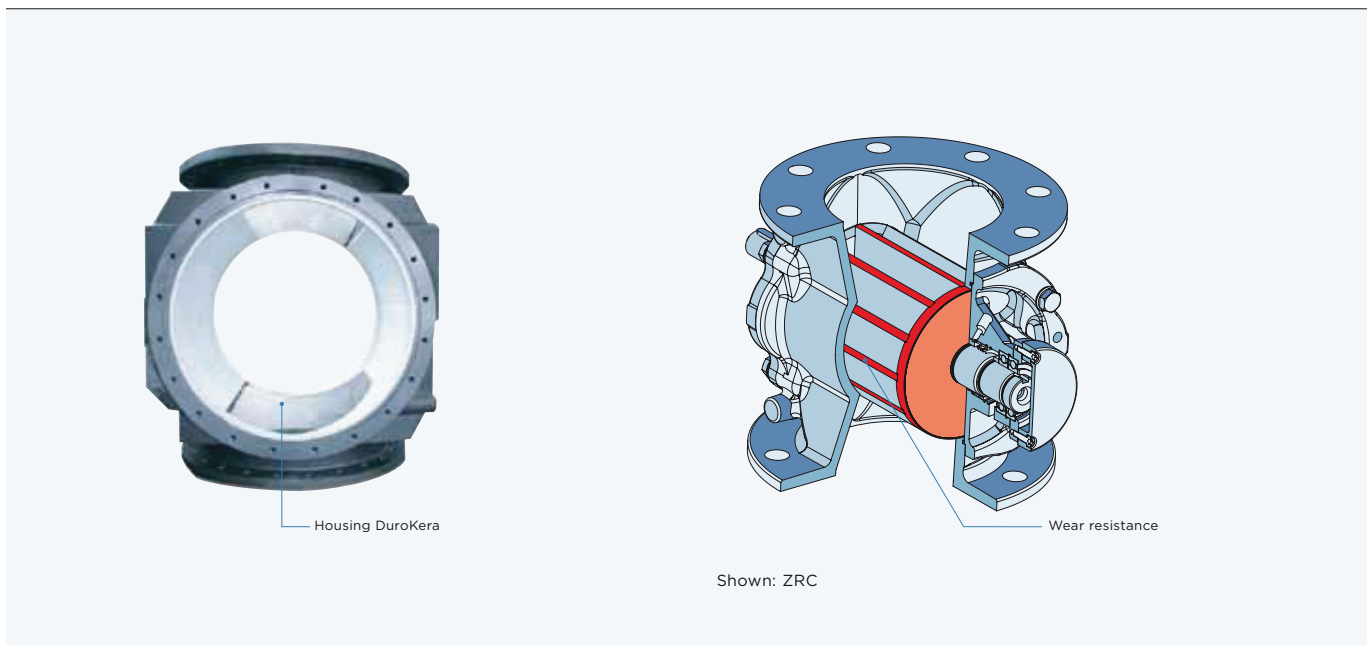
Selection according product



COMPONENTS FOR ABRASIVE PRODUCTS

DUROPROTECT™

- _ Wear resistance concept in 5 levels for rotary valve types ZRD, ZKD, ZXD and ZVD (powder)
- _ Wear resistance concept in 2 levels for rotary valve types ZVB and ZVH (pellets)
- _ Fitted to the product
- _ High economic efficiency through long lifetime



ROTARY VALVE FOR POWDER

Level	Rotor	Housing	Application
Standard	D-rotor mild steel ST 37	GG	not abrasive
DuroProtect® 1	D-rotor mild steel ST 52	DuroChrom 50	slightly abrasive
DuroProtect® 2	D-rotor mild steel ST 52	DuroChrom 100	low abrasive
DuroProtect® 3	C-rotor DuroDox	DuroChrom 200	abrasive
DuroProtect® 4	C-rotor DuroKarb	DuroChrom 400	very abrasive
DuroProtect® 5	C-rotor DuroKarb	DuroKera	high abrasive

ROTARY VALVE FOR PELLETS

Standard	B/H rotor in stainless steel	Stainless steel	Pellets filled with minerals
DuroProtect® 2	B/H rotor in stainless steel with stellite	DuroChrom 100	Pellets filled with glass fibers
DuroProtect® 4	B/H rotor in stainless steel with DuroKarb	DuroChrom 400	Pellets filled with glass fibers