



INDUSTRIAL SLURRY VALVES

Technical Guide



BUTTERFLY & KNIFE GATE VALVES

POLYURETHANE LINED KNIFE GATE VALVE

Technical data

APPLICATIONS	Isolation of abrasive slurries in mining, power generation, handling of abrasive media
TYPE	Wafer pattern
SIZE	DN 80 to DN 600 Larger sizes on request
PRESSURE	PN 10
BODY MATERIAL	Cast iron
DISC MATERIAL	Ductile iron
LINER MATERIAL	Stainless steel Polyurethane with polyurethane deflecting cones.
TEMPERATURE	-20±C to +80±C Higher temperatures on request
ACTUATION	Manual, pneumatic & electric
COUNTRY OF ORIGIN	South Africa



POLYURETHANE LINER ABRASION RESISTANT BUTTERFLY VALVES

Technical data

APPLICATIONS	On/off and control of abrasive slurries in mining, power generation, cement handling
TYPE	Wafer pattern, lugged
SIZE	DN 80 to DN 400 Larger sizes on request
PRESSURE	PN 16
BODY MATERIAL	Cast iron
DISC MATERIAL	Ductile iron
LINER MATERIAL	Stainless steel Tungsten carbide coating
TEMPERATURE	Polyurethane -20±C to +80±C Higher temperatures on request
ACTUATION	Manual Pneumatic Electric
COUNTRY OF ORIGIN	Switzerland



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DIAPHRAGM & PINCH VALVES

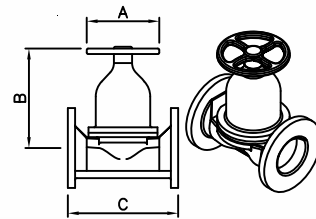
REMOVABLE POLYURETHANE LINED DIAPHRAGM VALVES

Technical data

APPLICATIONS	Abrasive slurries
TYPE	Flanged
SIZE	DN 50 to DN 350
BODY PRESSURE	PN 10
VARIATIONS	SO (Straight through) WO (Weir type)
BODY MATERIAL	Ductile iron
LINER MATERIAL	Polyurethane and other rubber linings butyl, halar, glass or jumbo rubber
DIAPHRAGM MATERIAL	Soft rubber / Polyurethane
TEMPERATURE	-10±C to +80±C
ACTUATION	Manual or pneumatic

Features & Benefits

- Designed for abrasive slurry duty
- Suited to full-bore diaphragm valves
- Polyurethane material is long lasting
- Cost saving
- Time saving - plant availability
- On-site replacement of valve liners and diaphragms
- 100% made in South Africa



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PINCH VALVES

Technical data

Applications	Control & isolation of abrasive slurries
Type	Short & long frame, flanged
Size	DN 50 to DN 500
Pressure	PN 6, PN 10, PN 16 and PN 25
Body material	Mild steel Stainless steel on request
Sleeve	Soft rubber
Temperature	-20±C to +80±C, high temperatures on request
Actuation	Manual Pneumatic Hydraulic
Country of origin	South Africa



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