

KNIFE GATE VALVES

VAAS PRODUCT PROFILE



Bray / VAASTM

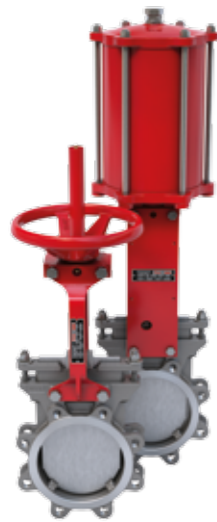
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YOUR GLOBAL FLOW CONTROL PARTNERTM



UNI-DIRECTIONAL · KNIFE GATE VALVE SERIES 940

Size Range	DN 50 – DN 900 (2 – 36")
Body Style	Single Piece, Wafer, Lug
Temperature Range	max. 232°C
Flange Connection	PN10, PN16, ANSI Class 150
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 10 bar DN 750 – DN 900 (30" – 36"), max. 7 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Buna-N, EPDM, Viton®, PTFE, Metal, no dead pockets



UNI-DIRECTIONAL · KNIFE GATE VALVE SERIES 941

Size Range	DN 50 – DN 900 (2 – 36")
Body Style	Single Piece, Wafer, Lug
Temperature Range	max. 232°C
Flange Connection	PN10, PN16, ANSI Class 150
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 10 bar DN 750 – DN 900 (30" – 36"), max. 7 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Buna-N, Nitrile, EPDM, Viton®, PTFE, Metal, no dead pockets



UNI-DIRECTIONAL · KNIFE GATE VALVE SERIES 950

Size Range	DN 50 – DN 1200 (2 – 48")
Body Style	Wafer, Semi-Lug (1 Piece)
Temperature Range	max. 232°C
Flange Connection	PN 10, PN 16, ANSI Class 150
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 10 bar DN 750 – DN 1200 (30" – 48"), max. 7 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Buna-N, EPDM, Viton®, PTFE, Metal, no dead pockets



BI-DIRECTIONAL · KNIFE GATE VALVE SERIES 740

Size Range	DN 50 – DN 900 (2" – 36")
Body Style	Wafer, Lug (1 Piece)
Temperature Range	max. 200°C
Flange Connection	PN 10, PN 16, (ANSI Class 150)
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 10 bar DN 750 – DN 900 (30" – 36"), max. 7 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Buna-N, EPDM, Viton®



BI-DIRECTIONAL · URETHANE LINED KNIFE GATE VALVE SERIES 745

Size Range	DN 50 – DN 600 (2" – 24")
Body Style	Wafer, Lug (1 Piece)
Temperature Range	max. 80°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 10 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Urethane



BI-DIRECTIONAL · URETHANE LINED SLURRY VALVE SERIES 746

Size Range	DN 50 – DN 1500 (2" – 60")
Body Style	Wafer (1 Piece)
Temperature Range	max. 80°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 16 bar DN 650 – DN 1500 (26" – 60"), max. 10 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Urethane

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BI-DIRECTIONAL · HIGH PERFORMANCE SLURRY VALVE SERIES 752

Size Range	DN 50 - DN 900 (2" - 36")
Body Style	Wafer, Lug (1 Piece)
Temperature Range	max. 200°C
Flange Connection	PN 10, PN 16 (ANSI Class 150)
Operating Pressure	max. 10 bar Optional: 16bar, 20 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Buna-N, EPDM, Viton®

BI-DIRECTIONAL · HEAVY DUTY SLURRY VALVE SERIES 762

Size Range	DN 80 - DN 1500 (3" - 60")
Body Style	Flanged (2 Piece bolted)
Temperature Range	max. 200°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 80 - DN 600 (3" - 24"), max. 16 bar DN 650 - DN 1500 (26" - 60"), max. 10 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Natural Rubber, Buna-N, EPDM, Viton®



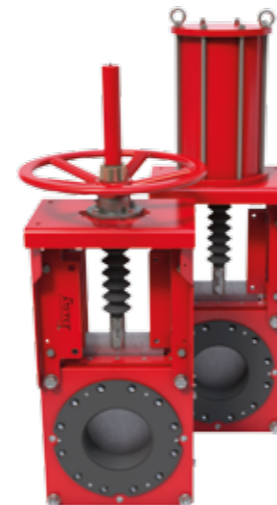
BI-DIRECTIONAL · MEDIUM DUTY SLURRY VALVE SERIES 765

Size Range	DN 50 - DN 600 (2" - 24")
Body Style	Wafer (2 Piece Bolted)
Temperature Range	max. 200°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 50 - DN 400 (2" - 16"), max. 10 bar DN 450 - DN 600 (18" - 24"), max. 6 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Natural Rubber, Buna-N, EPDM, Viton®



BI-DIRECTIONAL · HIGH PRESSURE SLURRY VALVE SERIES 767

Size Range	DN 80 - DN 900 (3" - 36")
Body Style	Wafer (2 Piece bolted)
Temperature Range	max. 200°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 80 - DN 900 (3" - 36"), max. 50 bar
Face-to-Face	per industry standard
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Natural Rubber, Buna-N, EPDM, Viton®



BI-DIRECTIONAL · HEAVY DUTY SLURRY VALVE SERIES 755

Size Range	DN 50 - DN 600 (2" - 24")
Body Style	Wafer (2 Piece bolted)
Temperature Range	max. 200°C
Flange Connection	ANSI Class 150
Operating Pressure	max 10 bar Optional 16 bar or 20 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Buna-N, EPDM, Viton®, Urethane bore liner, full Urethane optional.

BI-DIRECTIONAL · HEAVY DUTY SLURRY VALVE SERIES 760

Size Range	DN 50 - DN 600 (2" - 24")
Body Style	Flanged (2 Piece bolted)
Temperature Range	max. 200°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 50 - DN 600 (2" - 24"), max. 10 bar
Face-to-Face	Per Industry standard
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Natural Rubber, Buna-N, EPDM, Viton®



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BI-DIRECTIONAL · MEDIUM DUTY SLURRY VALVE
SERIES 768

Size Range	DN 50 – DN 1500 (2" – 60")
Body Style	Wafer (2 Piece bolted)
Temperature Range	max. 200°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 16 bar DN 650 – DN 1500 (26" – 60"), max. 10 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Natural Rubber, Urethane, Buna-N, EPDM, Viton®



BI-DIRECTIONAL · O-PORTED SLIDE GATE VALVE
SERIES 770

Size Range	DN 50 – DN 600 (2" – 24")
Body Style	Wafer (2 Piece bolted)
Temperature Range	max. 232°C
Flange Connection	ANSI Class 150
Operating Pressure	DN 50 – DN 600 (2" – 24"), max. 10 bar
Face-to-Face	MSS SP-81
Actuation	Handwheel, Bevel Gear, Pneumatic, Hydraulic, Electric
Body Materials	Ductile Iron, Cast Iron, Carbon Steel, Stainless Steel, Duplex-Stainless Steel
Gate Materials	Stainless Steel, Duplex-Stainless Steel, Hastelloy® C, Monel®, Titanium
Seat Materials	Buna-N, EPDM, Viton®, PTFE

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