



ORBINOX

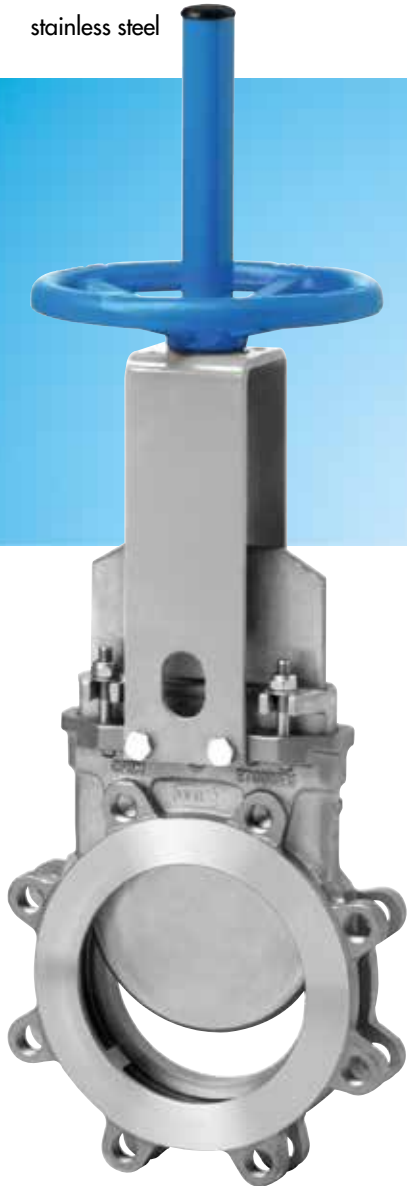
VALVE SOLUTIONS IN MORE
THAN 70 COUNTRIES

PRODUCTS

KNIFE GATE VALVES

SER.20 (ET)

Uni-directional MSS SP-81
DN 2"-36"
stainless steel



SER.10 (EX)

Uni-directional
DN 2"-48"
cast iron / stainless steel














SER.22 (BT)

Bi-directional MSS SP-81
DN 2"-36"
stainless steel



KNIFE GATE VALVES

ORBINOX KNIFE GATES QUICK REFERENCE GUIDE

MODEL	SERIES 10 (EX)	SERIES 11 (EB)	SERIES 20 (ET)	SERIES 22 (BT)	SERIES 30 (TL)	SERIES 32 (TK)	SERIES 61 (VG)	SERIES 65 (WG)	SERIES 68 (HG)	SERIES 14 (XC)	SERIES 90 (BC)
											
Valve Attributes	Cast Body	Bi-Directional / Cast Body	Cast Stn Stl Body	Bi-Directional Cast Stn Stl Body	Bi-Directional Cast Stn Stl/ Iron Body	Bi-Directional Cast Stn Stl Body	Rubber Sleeve	Rubber Sleeve	Rubber Sleeve	Horizontal Silo Mount	Square Port Silo Mount
Seats	Resilient Seat	EPDM/Nitrile	Resilient Seat/ Retainer Ring	Resilient Seat/ Retainer Ring	Dual Seats Metal- to-Metal or Resilient	Dual Seats Metal- to-Metal or Resilient	Dual seats Natural Rubber	Dual seats Natural Rubber	Dual seats Natural Rubber	EPDM/Nitrile	Metal / EPDM
Characteristics	Economical & Tough	Economical & Tough	Max Corrosion Resistance	Max Corrosion Resistance	Full Flow and self Cleaning	Full Flow and self Cleaning	Seats full contact when open	Seats full contact when open	Seats full contact when open	Powder / Granular Products	Solids / Horizontal
GENERAL SPECIFICATIONS											
Size Range	2" - 48"	2" - 48"	2" - 36"	2" - 36"	2" - 40"	2" - 36"	2" - 36"	3" - 36"	3" - 36"	2" - 24"	6"x6" to 24"x 24"
Face-To-Face			MSS-SP81	MSS-SP81							
Max Pressure	2"-10" = 150psi 12"-16" = 90psi 18" = 75psi 28"-48"=30psi	2"-5"=230psi 6"-10"=150psi 12"-16"=90psi 18"-24"=60psi	2"-24"=150psi	2"-24"=150psi 30"&36"=100psi	2"-5"=150psi 6"-10"=115psi 12"-16"=90psi 18"-24"=60psi	2"-10"=150psi	2"-16"=150psi 12"-36"=90psi 18"-24"=90psi 28"-36"=75psi	3"-16"=150psi 18"-36"=90psi	3"-36"=300psi	2"-10"=150psi 12"-16"=90psi 18"=75psi 20"-24"=60psi	15 psi
Max Temp.	248°EPDM seat	248°EPDM seat	482°w/metal seat	248°-392°	482°w/metal seat	482°w/PTFE seat	248°EPDM seat	248°EPDM seat	248°EPDM seat	248°EPDM seat	482°w/metal seat
RECOMMENDED SEGMENTS											
Pulp and Paper	✓	✓	✓	✓	✓	✓					
Power Plants	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wastewater Treatment	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Chemical Plants	✓	✓	✓	✓	✓	✓				✓	✓
Food and Beverage	✓	✓	✓	✓						✓	✓
Bulk Handling	✓		✓							✓	✓
Mining	✓		✓				✓	✓	✓		

PRODUCTS

KNIFE GATE VALVES

SER.68 (HG)

Bidirectional High Pressure
DN 3"-36"
ductile iron



SER.61 (VG)

Slurry Valve
DN 2"-36"
ductile iron



SER.65 (WG)

Slurry Valve Wide Body
DN 2"-36"
ductile iron

SER.75 (EP)

Polyurethane lined valve
DN 2"-24"
ductile iron



SER.78 (PA)

Heavy-duty pinch valve
DN 2"-12"
ductile iron



KNIFE GATE VALVES

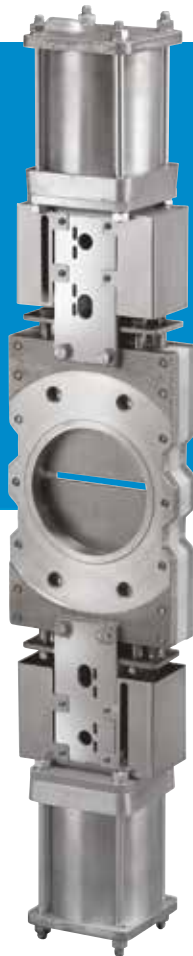


SER.34
(TH)

Through Conduit High Pressure
DN 2"-40"
stainless steel

SER.80
(DT)

Double Gate
DN 2"-24"
carbon steel / stainless steel



SER.70
(CR)

Round and Square Port
DN 2"-24"
cast iron / stainless steel



SER.35
(RM)

Tilting Disc Check
DN 1,5"-36"
stainless steel

SER.30/32
(TL/TK)

Through Conduit
DN 2"-40"
cast iron / stainless steel



PRODUCTS

KNIFE GATE VALVES

SER.90 (BC)

Square Port
6" X 6" - 24" X 24"
carbon steel / stainless steel



SER.14 (XC)

Hopper Shape Silo Outlet
DN 2"-24"
cast iron / stainless steel



SER.56 (IB)

Bidirectional High Pressure
DN 3"-24"
stainless steel

KNIFE GATE VALVES

SER.54 (HB)

Bidirectional High Pressure
DN 8"-24"
ductile iron



SER.52 (WS)

Fabricated Single Wedge
DN 6"-120"
carbon steel / stainless steel



SER.50 (CW)

Single Wedge
DN 3"-40"
carbon steel / stainless steel





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MEMBER OF THE **AVR** GROUP

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