



**ORBINOX**

VALVE SOLUTIONS IN MORE  
THAN 70 COUNTRIES

# MORE THAN 55 YEARS

ORBINOX is present in more than 70 countries with over 55 years of experience designing, manufacturing and marketing knife gate valves, penstocks, dampers, and valves for hydraulic works

ORBINOX was founded in Tolosa in 1964, manufacturing industrial valves to fulfill the increasing demand of the local paper industry.

In 1987, in order to satisfy the demand of new markets ORBINOX relocated to a new factory in Anoeta and introduced special products such as dampers and valves for hydraulic works.

In the late 90's ORBINOX decided to focus on improving standard valves as core business.

In the early 2000's began a period of change and expansion. Organized into two business units (Knife gate valves and Special products), ORBINOX established manufacturing and distribution subsidiaries in Canada and USA, United Kingdom, India, Spain, France, China and Germany.

In 2007, as result of an organizational restructuring within the Group, ORBINOX VALVES INTERNATIONAL was established.

In the late 2000's ORBINOX Brazil and South East Asia were established and a majority shareholding of DAMPER TECHNOLOGY Ltd in the UK acquired.

In 2011, ORBINOX became a member of the AVK Group.

In 2015, a new distribution center in Chile was established, in 2016 ORBINOX France was constituted and ORBINOX Peru has been established in 2017.



# OUR WAY TO SUCCESS

ORBINOX is the leading European knife gate valve manufacturer. Our continued market leadership is the result of staying true to our Mission, Vision and Values

Product quality and customer satisfaction are our goals. We offer a wide range of valves, penstocks and dampers which cover a variety of applications. We have a highly qualified and experienced team providing the best solutions to suit the needs of our customers.

Our production plants are equipped with the most up to date machinery which, combined, with our modular product design and production to order system allows us to be highly flexible with specifications and delivery times.

Currently we are present in over 70 countries across the five continents, enabling us to be close to our customers in order to offer technical advice and respond to their requirements. We think globally, whilst applying local expertise.







7 manufacturing plants, 14 sales and distribution centres, distribution worldwide

# BUSINESS SEGMENTS

ORBINOX supplies a wide range of products for demanding applications in various business segments, the most significant being Water & Waste Water Treatment, Mining, Power Generation, Pulp & Paper and Air Separation



WATER TREATMENT



PETROCHEMICAL



FOOD & BEVERAGE



AIR SEPARATION





POWER GENERATION



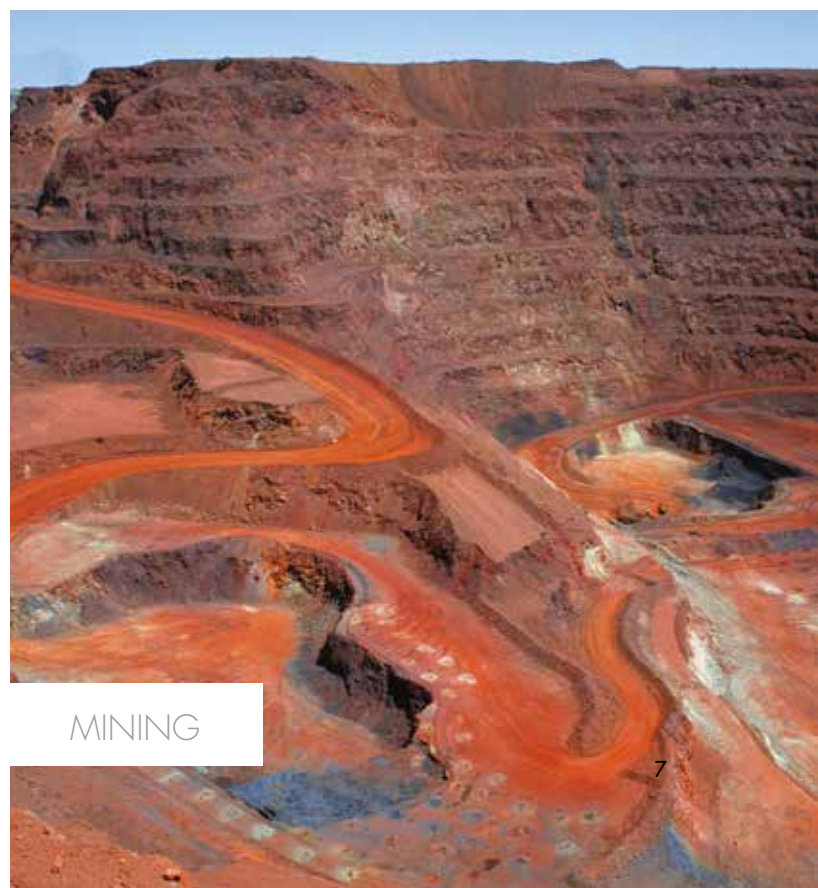
STEEL INDUSTRY



DAMS, RESERVOIRS & HYDRO SOLUTIONS



PULP & PAPER



MINING

# PRODUCTS

## KNIFE GATE VALVES



**EX**  
Unidirectional  
DN 50 – DN 1200  
cast iron / stainless steel

**EK**

Unidirectional High Performance  
DN 50 – DN 1200  
stainless steel



**BT**

Bidirectional MSS SP-81  
DN 50 – DN 900  
stainless steel



**ET**

Unidirectional MSS SP-81  
DN 50 – DN 900  
stainless steel

Actuator options: handwheel, chainwheel, lever, bevel gear, pneumatic, hydraulic and electric



# KNIFE GATE VALVES

## HB

Bidirectional High Pressure  
DN 80 – DN 600  
ductile iron



## WG/HG

Slurry Valve Wide Body  
DN 80 – DN 900  
ductile iron



## EB

Bidirectional  
DN 50 – DN 1200  
ductile iron / stainless steel



## VG

Slurry Valve  
DN 50 – DN 900  
ductile iron



Actuator options: handwheel, chainwheel, lever, bevel gear, pneumatic, hydraulic and electric

# KNIFE GATE VALVES

**TH**

Through Conduit High Pressure  
DN 50 – DN 1000  
stainless steel



**DT**

Double Gate  
DN 50 – DN 600  
carbon steel / stainless steel



**CR**

Round and Square Port  
DN 50 – DN 600  
cast iron / stainless steel



**TL/TK**

Through Conduit  
DN 50 – DN 1000  
cast iron / stainless steel



**RM**

Tilting Disc Check  
DN 40 – DN 900  
stainless steel

Actuator options: handwheel, chainwheel, lever, bevel gear, pneumatic, hydraulic and electric

# KNIFE GATE VALVES

**BC**

Square Port  
150x150 – 600x600  
carbon steel / stainless steel



**IB**

Bidirectional High Pressure  
DN 80 - DN 600  
stainless steel



**XC**

Hopper Shape Silo Outlet  
DN 50 – DN 600  
cast iron / stainless steel



**CX**

Coal Burner Isolation (NFPA 85)  
DN 50 – DN 600  
cast iron / stainless steel



# KNIFE GATE VALVES

## WS

Fabricated Single Wedge  
DN 150 – DN 3000  
carbon steel / stainless steel



Bonneted Valves  
DN 50 – DN 600  
cast iron / stainless steel



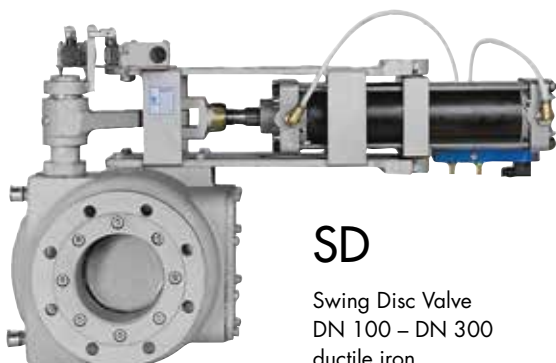
## CW

Single Wedge  
DN 80 – DN 1000  
carbon steel / stainless steel



## SD

Swing Disc Valve  
DN 100 – DN 300  
ductile iron



# PENSTOCKS



**CC**

Channel Penstock  
DIN/AWWA – up to 3500mm  
stainless steel

**MU**

Wall Penstock  
DIN/AWWA – up to 4000mm  
stainless steel



**RB**

Weir Penstock  
up to 2500mm  
stainless steel



**SL/SA**

Stop Log  
up to 2000mm  
stainless steel / aluminum



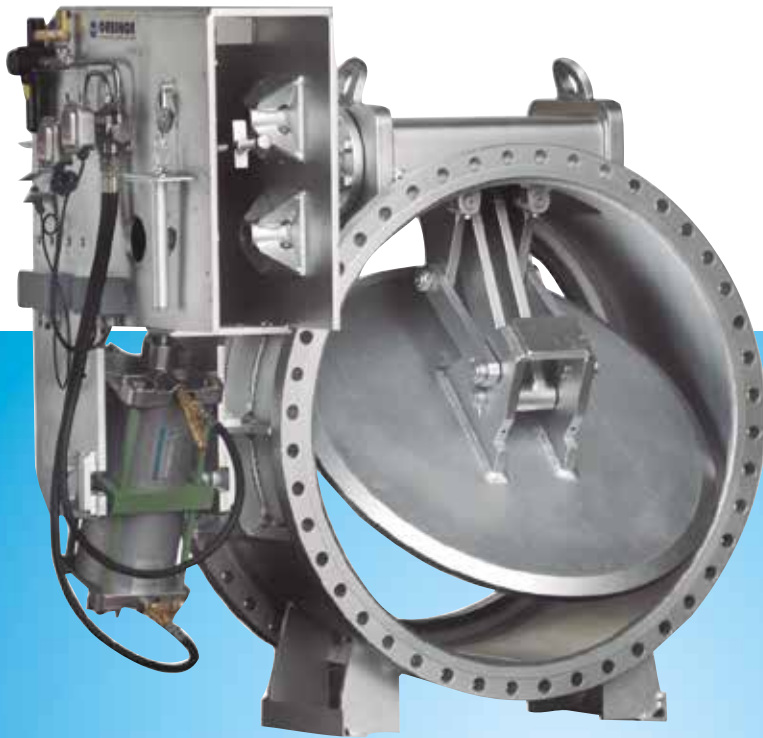
**RR/RC**

Flap Gate  
round and rectangular  
stainless steel

# SPECIAL ENGINEERED VALVES AND DAMPERS

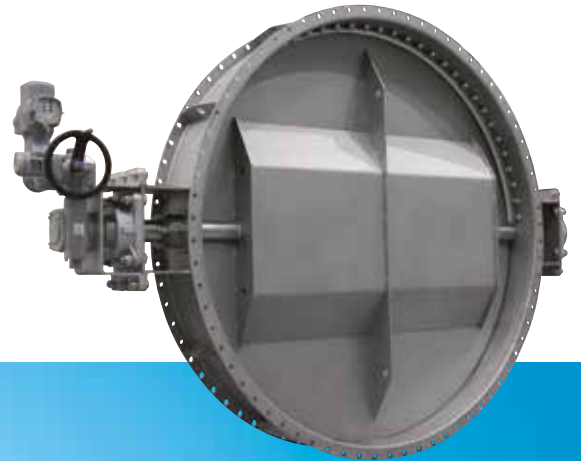
**MP**

Three Lever Valve



**ML**

Butterfly Damper



**PE**

Louver Damper



**GP**

Goggle Valve



**DI**

Multiple Diverter Damper





# VALVES FOR HYDRAULIC WORKS



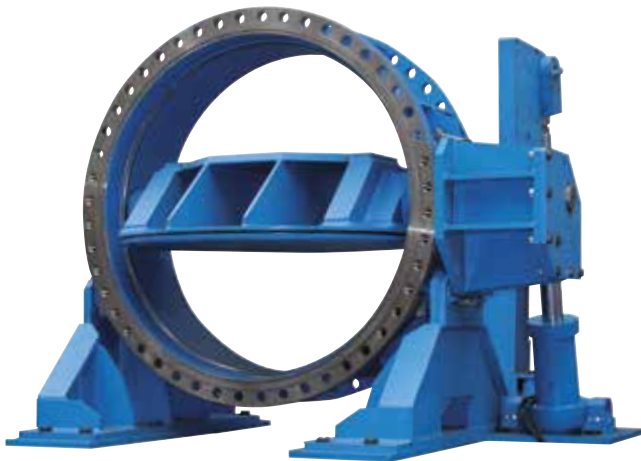
**WS**  
Fabricated Single Wedge



**BU**  
Bonneted Gate



**CH**  
Fixed Cone Valve



**MB**  
Double Eccentric Butterfly Valve



**CT**  
Radial Gate



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MEMBER OF THE **AVR** GROUP

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