

# water treatment



## KNIFE GATE VALVES

- EW Uni-directional with bonnet acc. to AWWA C-520
- EXT Uni-directional with face to face distance acc. to MSS SP-81
- BR Bi-directional acc. to EN12516/EN13445
- HB Bi-directional high pressure acc. to EN12516/EN13445
- EW, EXT and BR flange drilling: PN10 and ANSI 150  
HB flange drilling: PN10/PN16 and ANSI 150/300  
Other available on request

## CHECK VALVES

- RM Wafer type tilting disc check valve acc. to EN12234
- RA Flanged tilting disc check valve acc. to EN1074
- RM flange drilling: PN16/25/40 and ANSI 150  
RA flange drilling: PN10 and ANSI 150  
Other available on request



HB

DN 50-DN 600 (2"-24") 16/25 bar



RM

DN 40-DN 300 (1.5"-10") 40 bar  
DN 350-DN 600 (14"-24") 25 bar  
DN 700-DN 900 (28"-36") 10 bar



RA

DN 300-DN 600 (12"-24") 10/16 bar  
DN 700-DN 900 (28"-36") 10 bar

## CHECK VALVES

**ORBINOX VALVES INTERNATIONAL**  
Parque Tecnológico de San Sebastián  
Pº Mikeletegui, 56-planta 3ª  
20009 DONOSTIA-SAN SEBASTIAN, SPAIN  
Tel.: + 34 943 69 80 30  
Fax: + 34 943 30 92 83  
e-mail: ovi@orbinox.com

### EUROPE

**ORBINOX S.A.**  
ANOETA, GIPUZKOA • SPAIN  
orbinox@orbinox.com

**ORBINOX UK**  
BOGNOR REGIS, WEST SUSSEX • UK  
uk@orbinox.com

**ORBINOX COMERCIAL**  
BELAUNTZA, GIPUZKOA • SPAIN  
comercial@orbinox.com

**ORBINOX GERMANY**  
SCHWERTE, NRW • GERMANY  
germany@orbinox.com

**ORBINOX FRANCE**  
GENAS, REGION LYONNAISE • FRANCE  
france@orbinox.com

**DAMPER TECHNOLOGY LTD**  
EASTWOOD, NOTTINGHAM • UK  
sales@dampertechnology.com

### ASIA

**ORBINOX CHINA**  
BEIJING / SHANGHAI • CHINA  
china.sales@orbinox.com

**ORBINOX S.E.A**  
JAKARTA • INDONESIA  
orbinox.sea@orbinox.com

**ORBINOX INDIA**  
608/3A-2B, 608/3A-1B  
EACHANARI - CHETTIPALAYAM ROAD,  
EACHANARI POST,  
COIMBATORE - 641021  
Tel.: +91 (422) 6691261  
india@orbinox.com



### AMERICA

**ORBINOX CANADA**  
LAVAL, QUEBEC • CANADA  
canada@orbinox.com

**ORBINOX USA**  
AMORY, MISSISSIPPI • USA  
usa@orbinox.com

**ORBINOX BRAZIL**  
INDAIATUBA, SÃO PAULO • BRAZIL  
brasil@orbinox.com

**ORBINOX CHILE**  
SANTIAGO • CHILE  
chile@orbinox.com

**ORBINOX PERU**  
LIMA • PERU  
peru@orbinox.com

www.orbinox.com



Valves for  
water treatment





# Wide product range for water treatment

With more than 50 years of experience in the water market worldwide, **ORBINOX** offers a comprehensive product range of knife gate valves, penstocks, and tilting disc check valves for multiple water applications such as:

- Water and Waste Water Treatment Plants
- Water and Waste Water Pumping Stations
- Sludge Handling

- Storm Tanks
- Desalination Plants
- Irrigation Systems
- Etc.

**ORBINOX** has a wide range of standard products and the capacity and expertise to design and manufacture special valves according to customer needs.



EW

DN 50 - DN 600 (2"-24") 10 bar  
DN600- DN2400 (24"-96") 2bar/6bar/10bar



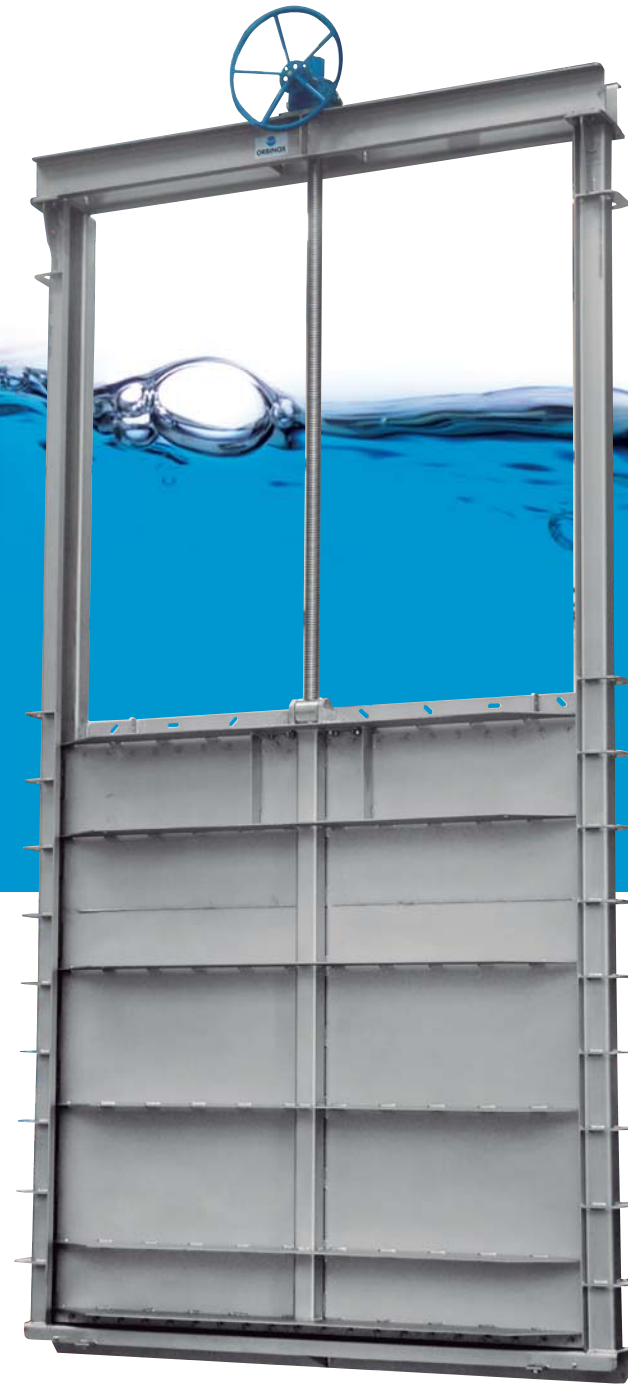
EXT

DN 50-DN 250 (2"-10") 10 bar  
DN 300-DN 400 (12"-16") 6 bar  
DN 450 (18") 5 bar  
DN 500-DN 600 (20"-24") 4 bar  
DN 700-DN 1200 (28"-48") 2 bar



BR

DN 50-DN 250 (2"-10") 10 bar  
DN 300-DN 400 (12"-16") 6 bar  
DN 450 (18") 5 bar  
DN 500-DN 600 (20"-24") 4 bar



MU

4-side sealing  
Uni- and bi-directional  
Pressure as per application



CC

3-side sealing  
Uni- and bi-directional  
Pressure as per gate height



RB

3-and 4 side sealing  
Bi-directional  
Downward opening



RR/RC

Round or rectangular  
Open/close with differential pressure



AG

3-side sealing  
Bi-directional  
Maintenance works with one gate



SL/SA

3-side sealing  
Bi-directional  
Maintenance works with multiple logs

## PENSTOCKS

- MU Wall mounted penstock acc. to DN15569 and AWWA C-561
- CC Channel gate penstock acc. to DN15569 and AWWA C-561
- RB Weir gate acc. to DN15569 and AWWA C-561

## PENSTOCKS

- RR/RC Flap gate acc. to DN15569
- AG Stop gate acc. to DN15569
- SL Stainless steel stop logs acc. to DN15569
- SA Aluminium stop logs acc. to DN15569
- Penstocks in stainless steel construction
- SA stop logs in extruded aluminium construction