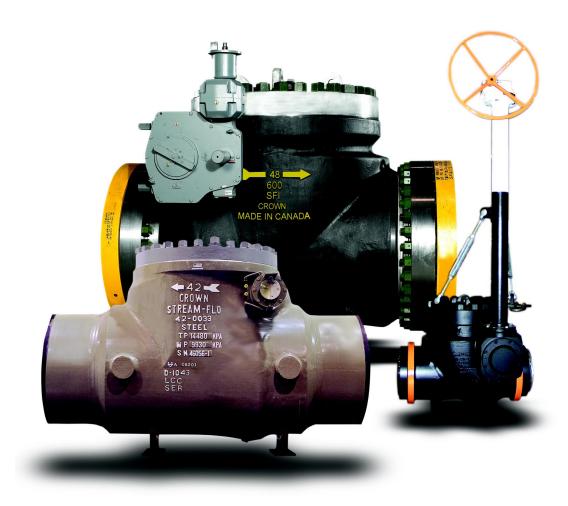


CROWN-JUDD CHECK VALVES



Leading the Way in Pipeline Technology



Since its inception in 1962, Stream-Flo Industries Ltd. has been a leader and innovator in the oilfield sector. Stream-Flo's first check valves were perfected and marketed in response to a need for high quality products made to perform and endure in the most demanding environments.

Stream-Flo continues to be a world industry leader through continuous product development, backed by professional engineers, designers and technicians. Together, they develop, design and produce leading-edge solutions and quality products to make Stream-Flo Industries Ltd. an internationally recognized leader in the check valve industry.

Quality Check

Check Valve **Designs**



CROWN-JUDDSwing Check Valves

- simple, dependable design
- full bore for passage of pigs
- · butt weld, raised face and RTJ ends
- wide range of options and accessories



CROWN

Piston Check Valves

- axial flow
- raised face and RTJ ends
- simple, dependable design
- available for vertical flow-up or down service

CROWN

Wafer Check Valves

- economical
- space-saving design
- suitable for vertical flow-up service
- · clapper opens in downstream piping



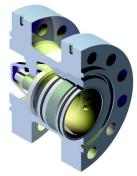
CROWN

Wafer Nozzle Check Valves

- non-slam
- axial flow
- low pressure drop
- · space-saving design
- available for vertical flow-up or down service

CROWN-EUROPA Nozzle Check Valves

- non-slam
- axial flow
- low maintenance costs
- provides energy savings due to low pressure drops
- sizes up to 60" available



Valve Systems

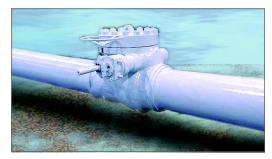
Check Valve Accessories

Actuated Check Valves



- lock open levers
- worm gear operators
- handwheel extensions
- pneumatic, hydraulic and electric actuators

Subsea Check Valves



- · ROV interfaces
- lock open levers
- · worm gear operators
- various gland designs



position indicator



proximity switch



pneumatic/hydraulic/electric actuator



slam retarder



lock open lever



ROV interface



counter weight



worm gear operator



BASIC SPECIFICATIONS

Sizes:

• $\frac{1}{2}$ " - 48"

Pressure Ratings:

- Class 150 to 2500
- 2000 to 10,000 psi

Body Materials, including:

- · ductile iron
- · carbon steel
- · stainless steel
- · duplex steel
- high nickel alloys

Specification Compliances:

- ISO 9001
- CSA Z245.15
- API 6A, 6D and Q1
- ASME B16.34

Temperature:

• -75°F to +650°F & higher

Options:

- removable seat
- through conduit clapper
- weld overlay
- exotic seals
- fire-safe designs

APPLICATIONS

- oil and gas pipelines
- field gathering systems
- wellhead injection lines
- gas export facilities
- product tank farms
- · pulp and paper mills
- mining
- chemical processing
- gas storage caverns
- power generation



Stream-Flo USA Inc. Valve Business Unit

12777 Jones Road Suite 332 Houston Texas USA 77070 Tel 832.912.1022 Fax 832.912.1151

Canadian Sales

400 Bow Valley Square One 202 - 6 Avenue SW Calgary Alberta Canada T2P 2R9 Tel 403.269.5531 Fax 403.266.3307

Head Office and Manufacturing Facility

4505 - 74 Avenue Edmonton Alberta Canada T6B 2H5 Tel 780.468.6789 Fax 780.469.7724

International Sales

Indonesia 62.21.7918.1234 United Arab Emirates 971.2.676.0130 Algeria 213.29.738.910 United Kingdom 353.87.798.3582

www.streamflo.com info@streamflo.com