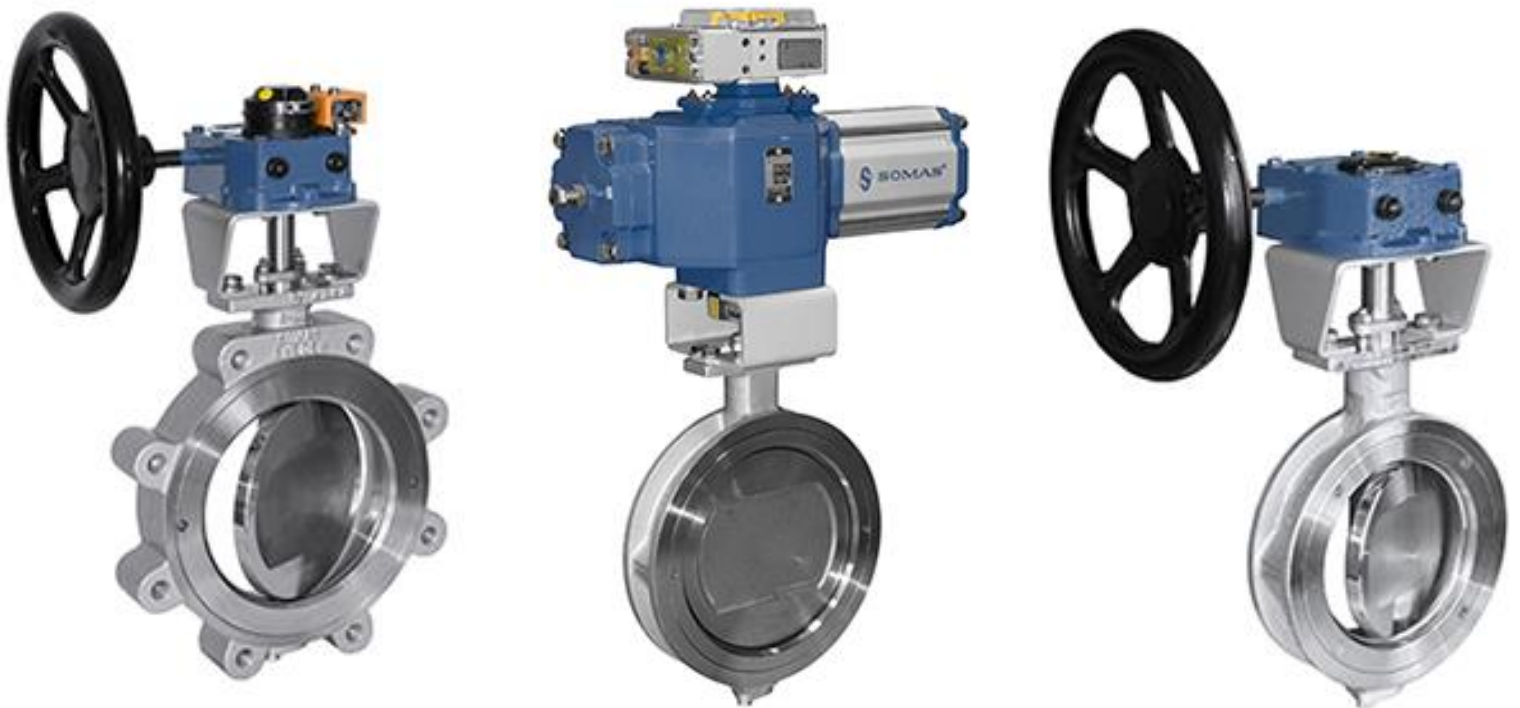


NORAM
SULFURIC ACID
Products and Services

NORAM SX™ VALVES



NORAM SX™ Butterfly Valves

Type MTV	Wafer design
Type MTVL	Lugged design
Nominal pressure rate	PN10 and ANSI 150
Nominal size	DN 80 – DN 500, ANSI 3" – 20" DN 450 – DN 750, NPS 18-30
Material	NORAM SX™ Stainless steel alloy (UNS S32615)

- Advanced triple eccentric design
- Designed for control and shut-off applications
- Tightness class in accordance with EN 60534-4 Class V or ASME B16-104 Class V as standard NORAM butterfly valves, are control, on/off and shut-off valves. These valves are specifically designed for concentrated sulphuric acid at elevated temperatures

The valves have an advanced triple eccentric design with a unique disc shape.

The solid seat remains un-affected by high flow velocities and temperatures. A good valve function is achieved even in difficult applications.

The NORAM valves are delivered ready for installation and operation.

The valve assemblies are delivered factory tested as complete units with actuators, positioners and accessories.



NORAM ENGINEERING AND CONSTRUCTORS LTD.

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Vancouver, British Columbia, Canada, V6C1S4
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**Ask about the products and services
NORAM supplies to the sulfuric acid industry:**

NORAM PLANTS, PROCESSES, SYSTEMS, AND PROCESS EQUIPMENT

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NORAM PLANT PREHEATING SYSTEMS

NORAM'S TURBOSCRUBBER FOR GAS SCRUBBING

NORAM STAINLESS STEEL CATALYTIC CONVERTERS

NORAM RF™ RADIAL FLOW GAS-TO-GAS HEAT EXCHANGERS

NORAM SF™ SPLIT FLOW GAS-TO-GAS HEAT EXCHANGERS

NORAM BRICK-LINED ACID TOWERS

NORAM SULFUR & SPENT ACID BURNERS

NORAM CELLCHEM SULFUR BURNERS

NORAM ANODICALLY PROTECTED ACID COOLERS

NORAM SX™ ACID COOLERS

NORAM SX™ TOWERS AND NORAM SX™ PUMP TANKS

NORAM EQUIPMENT INTERNALS, PERIPHERALS AND ANCILLARY EQUIPMENT

NORAM HP™ SADDLE PACKING FOR ACID TOWERS

NORAM SMART™ ACID DISTRIBUTORS FOR ACID TOWERS

NORAM TROUGH ACID DISTRIBUTORS FOR ACID TOWERS

NORAM SX™ CHIPGUARD CG™ ACID STRAINER

NORAM ENTRAINMENT MITIGATION DEVICE (EMD)

NORAM ACID DILUTION SYSTEMS

NORAM SX™ MATERIAL

NORAM SX™ ACID DISTRIBUTORS

NORAM SX™ PIPING

NORAM SX™ VALVES

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