



**SCI VALVES**

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**SCI CORPORATION CO., LTD.**



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FACTORY:   
1/12 Samutsakorn Industrial Estate, Soi7, Rama II Road,  
Tahsai, Muang, Samutsakorn 74000, Thailand.  
Tel: (+66)34-829200 Fax: (+66)34-829222 E-Mail: sci@scivalve.com

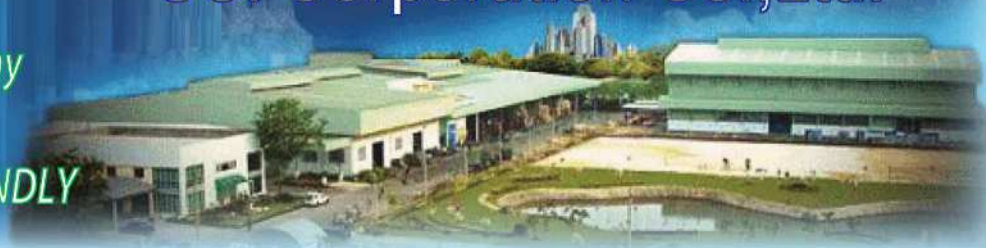
EXPORT SALES DEPARTMENT:  
Tel: (+66)34-829313 Fax: (+66)34-829315 E-Mail: exports@scivalve.com

DOMESTIC SALES DEPARTMENT:  
Tel: (+66) 34-829088 Fax: (+66)34-829-089 E-Mail : domestic@scivalve.com

**SCI VALVES**  
QUALITY VALVES WORLDWIDE

# SCI Corporation Co.,Ltd.

ISO 14001 GREEN Company  
SCI CONCERNS  
ENVIRONMENTALLY FRIENDLY



*SCI CORPORATION CO.,LTD.* was established in April, 1974 under a joint venture agreement among Thai and Japanese enterprises, producing high quality cast iron and ductile iron valves employing Japanese technology and expertise.

*Our products are widely accepted in the local and international markets under the trade mark SCI for waterworks and waste service, air-conditioning, irrigation, power plant and industrial use, covering sluice valve, gate valve, butterfly valve, check valve, air valve and others, in conformity with AWWA, MSS Practice, BS, JIS, DIN and ISO standards.*

*Since the commencement of production under the promotion certificate from the Board of Investment the Company has been specializing in manufacture of high quality valves of cast iron and ductile iron, performing the whole production course, from high quality casting, precise machining and careful assembly, to the severe individual hydrostatic or air pressure testing and quality assurance inspection before shipment.*

*SCI CORPORATION CO.,LTD.* guarantees each product of its manufacture free from material defect or workmanship when such products are installed and used in accordance with service . They are guaranteed for one year from date of shipment , but damage resulting from improper storage, improper handling or installation will not be considered under SCI 's liability; our liability is limited to repair or replacement only.

**SCI 's product programme meets your requirements**



**GATE VALVE METAL SEAT**



**Fig 100**  
Gate Valve Non Rising Stem  
BS 5150 PN 6, 10, 16  
BS EN 1171 PN 6, 10, 16  
DIN 3352 PN 10, 16  
MSS - SP-70 class 125  
TIS 432 PN 6, 10, 16  
DN 40-300 (1.5"-12")



**Fig 110**  
Gate Valve Rising Stem  
BS 5150 PN 6, 10, 16  
BS EN 1171 PN 6, 10, 16  
MSS - SP-70 class 125  
TIS 432 PN 6, 10, 16  
DN 50-300 (2"-12")



**Fig 190**  
Gate Valve Non Rising Stem  
BS 5150 PN 6, 10, 16, 25, 40  
BS 5163 PN 10, 16, 25, 40  
BS EN 1171 PN 6, 10, 16, 25, 40  
DIN 3352 PN 6, 10, 16, 25, 40  
DN 80-300 (3"-12")



**Fig 131**  
Gate Valve Non Rising Stem  
AWWA C500  
BS 5150 PN 6, 10, 16, 25  
BS 5163 PN 6, 10, 16, 25  
DIN 3352 PN 6, 10, 16, 25  
TIS 256 PN 6, 10, 16  
DN 50-600 (2"-24")



**Fig 269**  
Gate Valve Rising Stem  
AWWA C500  
BS 5150 PN 6, 10, 16, 25  
BS 5163 PN 6, 10, 16, 25  
DIN 3352 PN 6, 10, 16, 25  
TIS 256 PN 6, 10, 16  
DN 50-300 (2"-12")



**Fig 152**  
Gate Valve Non Rising Stem  
AWWA C500  
BS 5150 PN 6, 10, 16, 25  
BS 5163 PN 6, 10, 16, 25  
BS EN 1171 PN 6, 10, 16, 25  
MSS - SP-70 class 125  
TIS 256 PN 6, 10, 16  
DN 350-3000 (14"-120")



**Operator**

SCI shall provide the following operator upon request

1. Handwheel, operating nut or cap, chainwheel, floor stand (Head stock) and extension stem
2. Gearing of spur or bevel, opened and closed type
3. Cylinder or electric motor
4. Pneumatic, hydraulic or electric actuator

**Special Accessories**

Special Accessories shall be provided upon request :

1. Bosses for drainage, by-pass and pipe connection
2. By-pass unit
3. Clean-out port
4. Valve locking device
5. Various type of indicators such as needle and slot type(mechanical positive type), differential type, worm gear (barrel) type, indicator post and etc.
6. Bronze or non corrosive metal guides, shoes and rollers
7. Stem cover

**GATE VALVE RESILIENT SEAT**



**Fig 180**

Resilient Wedge Gate Valve  
Non Rising Stem  
BS 5150 PN 6, 10  
BS EN 1171 PN 6, 10  
MSS-SP-70 class 125  
DN 50-400 (2"-16")



**Fig 185**

Resilient Wedge Gate Valve  
Rising Stem  
BS 5150 PN 6, 10  
BS EN 1171 PN 6, 10  
MSS-SP-70 class 125  
DN 50-400 (2"-16")



**Fig 161**

Resilient Wedge Gate Valve  
Non Rising Stem  
AWWA C509  
BS 5150 PN 6, 10, 16  
BS 5163 PN 6, 10, 16  
BS EN 1171 PN 6, 10, 16  
TIS 1413 PN 6, 10, 16  
DN 50-400 (2"-16")



**Fig 171**

Resilient Wedge Gate Valve  
Rising Stem  
AWWA C509  
BS 5150 PN 6, 10, 16  
BS EN 1171 PN 6, 10, 16  
BS 5163 PN 6, 10, 16  
DIN 3352 PN 6, 10, 16  
TIS 1413 PN 6, 10, 16  
DN 50-400 (2"-16")



**Fig 459**

Resilient Seated Gate Valve  
Non Rising Stem  
AS 2638.2  
AWWA C509  
AWWA C515  
BS 5150 PN 6, 10, 16  
BS EN 1171 PN 6, 10, 16  
BS 5163 PN 6, 10, 16  
ISO 7259 PN 6, 10, 16  
DN 50-300 (2"-12")



**Fig 464**

Resilient Seated Gate Valve  
Rising Stem  
AS 2638.2  
AWWA C509  
AWWA C515  
BS 5150 PN 6, 10, 16  
BS EN 1171 PN 6, 10, 16  
BS 5163 PN 6, 10, 16  
DN 50-300 (2"-12")



**Fig 172**

Resilient Wedge Gate Valve  
Rising Stem  
FM APPROVED class 200  
UL LISTED class 175  
ULC LISTED class 175  
DN 65-300

**Operator**

SCI shall provide the following operator upon request :

1. Handwheel, operating nut or cap, chainwheel , floor stand (Head stock) and extension stem
2. Gearing of spur or bevel, opened and closed type
3. Cylinder or electric motor
4. Pneumatic, hydraulic or electric actuator

**Special Accessories**

Special Accessories shall be provided upon request :

1. Bosses for drainage, by-pass and pipe connection
2. Valve locking device
3. Various type of indicators such as needle and slot type(mechanical positive type), differential type, worm gear (barrel) type, indicator post and etc.
4. Bronze or non corrosive metal guides, shoes and rollers
5. Stem cover

**KNIFE GATE VALVE**



**Fig 471**  
Knife Gate Valve Rising Stem  
MSS-SP-81 class 150  
DN 50-300 (2"-12")



**Fig 472**  
Knife Gate Valve Non-Rising Stem  
MSS-SP-81 class 150  
DN 50-1800 (2"-72")



**Fig 097**  
Knife Gate Valve Rising Stem  
MSS-SP-81 class 150  
DN 50-1800 (2"-72")

**BUTTERFLY VALVE**



**Fig 465**  
Metal Seated Butterfly Valve  
Triple Eccentric Disc  
AWWA C504 class 75, 150, 250  
BS 5155 PN 6, 10, 16, 25, 40  
BS EN 593 PN 6, 10, 16, 25, 40  
MSS-SP-67 class 125, 150  
TIS 382 PN 6, 10  
DN 50-3500 (2"-140")



**Fig 212**  
Resilient Seated Butterfly Valve  
with Gear Box & Actuator  
AWWA C504 class 75, 150, 250  
BS 5155 PN 6, 10, 16, 25, 40  
BS EN 593 PN 6, 10, 16, 25, 40  
MSS-SP-67 class 125, 150  
TIS 382 PN 6, 10  
DN 80-3500 (3"-140")



**Fig 243**  
Metal Seated Butterfly Check Valve  
BS EN 593 PN 6, 10, 16, 25  
DN 100-3500 (4"-140")



**Operator**

- SCI shall provide the following operator upon request :
1. Lever, Handwheel, operating Nut or Cap, Chainwheel, Floor Stand (Head Stock) and Extension Stem
  2. Gearing of Worm or Worm Gear with Bevel
  3. Cylinder or Electric Motor
  4. Pneumatic, Hydraulic or Electric Actuator

**Features**

- Features shall be provided upon request :
1. Horizontal or Vertical Shafts
  2. Single, Double, or Triple Eccentric disc

**CHECK VALVE**



**Fig 300**  
Resilient Seated Swing Check Valve  
BS 5153 PN 6, 10, 16  
BS EN 12334 PN 6, 10, 16  
MSS - SP-71 class 125  
TIS 383 PN 6, 10, 16  
DN 50-300 (2"-12")



**Fig 360**  
Metal Seated Swing Check Valve  
AWWA C508  
BS 5153 PN 6, 10, 16, 25  
BS EN 12334 PN 6, 10, 16, 25  
MSS - SP-71 class 125, 150  
TIS 383 PN 6, 10, 16  
DN 50-1800 (2"-72")



**Fig 340**  
Resilient Seated Swing Check Valve  
AWWA C508  
BS 5153 PN 6, 10, 16, 25  
BS EN 12334 PN 6, 10, 16, 25  
MSS-SP-71 class 125, 250  
TIS 383 PN 6, 10, 16  
DN 50-1800 (2"-72")



**Fig 378**  
Resilient Seated Swing Check Valve  
FM APPROVED class 200  
UL LISTED class 175  
ULC LISTED class 175  
DN 65-300 (2.5"-12")



**Fig 383**  
Rubber Flapper Check Valve  
Non Slam Performance  
BS 5153 PN 10, 16  
BS EN 12334 PN 10, 16  
MSS-SP-71 class 125  
DN 50-600 (2"-24")



**Fig 483**  
Tilting Disc Swing Check Valve  
BS 5153 PN 6, 10, 16  
BS EN 12334 PN 6, 10, 16  
MSS-SP-71 class 125  
DN 80-1800 (3"-72")



**Fig 265**  
Tilting Disc Check Valve  
AWWA C508  
BS 5153 PN 6, 10, 16, 25  
BS EN 12334 PN 10, 16, 25  
MSS-SP-71 class 125, 250  
TIS 383 PN 6, 10, 16  
DN 100-1800 (4"-72")



**Fig 291**  
Multiple Door Check Valve  
BS 5153 PN 6, 10, 16, 25  
BS EN 12334 PN 10, 16, 25  
DN 600-1800 (24"-72")

**Special Accessories**

- Lever & Weight (Counter Weight)
- Lever & Spring & Weight
- Hydraulic Cylinder (Oil Dash Pot)
- Air Cushioned
- Backflow Actuator
- Proximity Switch
- Protection Guard

**AIR VALVE**



**Fig 411**  
Single Small Orifice Air Valve  
JIS B 2063 PN 7.5, 10, 16  
TIS 1368 PN 10, 16, 25  
DN 25-150 (1"-6")



**Fig 413**  
Single Large Orifice Air Valve  
JIS B 2063 PN 7.5, 10, 16  
TIS 1368 PN 10, 16, 25  
DN 50-150 (2"-6")



**Fig 430**  
High Speed Air Valve  
JIS B 2063 PN 7.5, 10, 16  
TIS 1368 PN 10, 16, 25  
DN 50-300 (2"-12")



**Fig 415**  
Double Orifice Air Valve  
Without Integral Valve  
JIS B 2063 PN 7.5, 10, 16  
TIS 1368 PN 10, 16, 25  
DN 50-300 (2"-12")



**Fig 404**  
Double Orifice Air Valve  
With Integral Valve  
JIS B 2063 PN 7.5, 10, 16  
TIS 1368 PN 10, 16, 25  
DN 50-300 (2"-12")



**Fig 569**  
Sewage Air Valve  
Standrad: SCI  
PN 6, 10  
DN 50-300 (2"-12")



**Fig 504**  
Sewage Air Valve  
PN 16  
DN 50-300 (2"-12")

**SLUICE GATE / PENSTOCK**



AWWA C501, C561, C560,  
BS 7775  
Max 4000 x 5000  
Cast Iron, Ductile Iron or  
Stainless Steel

**Operator Option**

1. Electric Actuator
2. Manual Gear
3. Pneumatic Cylinder
4. Hydraulic Cylinder

**Gate Opening**

1. Square
2. Rectangular (Width x Height)
3. Circular

**Accessories**

1. Extension Stem, Stem Adaptor,  
Muff Coupling, Universal joint
2. Wall Bracket, Guide Bracket
3. Wall Thimble

**OTHER PRODUCTS**

Other products are also available such as sluice gate, fire hydrants, foot valves, flap valves, adjustable bell mouth, valves boxes, manhole covers, frames and pipe fittings. If you need other type of products, please feel free to contact us directly.



**Fig 071**  
Flap Valve  
DN 50-3600



**Fig 073**  
Foot Valve  
DN 80-600  
PN 10, 16