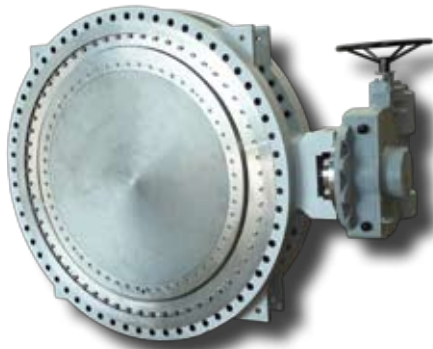


# Solent & Pratt Product Scope





## TOSV - Triple Offset Valve

### Ratings:

150#, 300#, 600#, 900#,  
1500#, 2500#

### Sizes:

2" (50mm) to 84" (2100mm)

### Designs:

Wafer lugged, Wafer flangels,ss,  
Double flanged, Butt weld

### Operation:

Gearbox, Actuator

- ◆ Triple Offset
- ◆ Zero leakage capability
- ◆ Field replaceable seat & seal
- ◆ Low cost integral seat & seal available for 150 & 300# classes. Carbon & 316 St/St material
- ◆ Temperatures 700° C ( 1292° F )
- ◆ Typical materials: Aluminium Bronze, 316 St/St, Duplex St/St, Super Duplex St/St, Titanium

Lloyds certified firesafe to BS6755 part 2 / API 6FA and API 607



## TOSV - Triple Offset Gate Valve

### Ratings:

150#, 300#, 600#, 900#,  
1500#

### Sizes:

2" (50mm) to 36" (900mm)

### Designs:

Double flanged, Face to Face  
ANSI B16.10

### Operation:

Gearbox, Actuator

- ◆ Triple Offset
- ◆ Zero leakage capability
- ◆ Field replaceable seat & seal
- ◆ Temperatures 700° C ( 1292° F )
- ◆ Typical materials: Aluminium Bronze, Monel, Carbon Steel, NACE, 316 Stainless Steel, Duplex St/St, Super Duplex St/St, Titanium

Lloyds certified firesafe to BS6755 part 2 / API 6FA and API 607



## T Series - PTFE Sealed Firesafe Valve

### Ratings:

150#, 300#

### Sizes:

2" (50mm) to 48" (1200mm)

### Designs:

Wafer lugged, Wafer flangels,ss,  
Double flanged

### Operation:

Gearbox, Actuator

- ◆ Double Offset
- ◆ Tight shut-off bi-directional to API 598
- ◆ Typical materials: Aluminium Bronze, Monel, Carbon Steel, NACE, 316 Stainless Steel, Duplex St/St, Super Duplex St/St

Lloyds certified firesafe to BS6755 part 2



## C Series - Rubber Lined Butterfly Valve

### Ratings:

PN10, PN16, ANSI 150#

### Sizes:

2" (50mm) to 58" (1400mm)

### Designs:

Wafer lugged, Wafer flangels,ss,  
Double flanged

### Operation:

Handlever, Gearbox, Actuator

- ◆ Concentric geometry
- ◆ Tight shut-off bi-directional
- ◆ Integral elastomer body liner
- ◆ Coated disc available
- ◆ Range of body, shaft, disc & liner materials
- ◆ Ease of maintenance with no special tools required





## E & R Series - Resilient Seal Butterfly Valve

### Ratings:

150#, 300#

### Sizes:

2" (50mm) to 138" (3500mm)

### Designs:

Wafer lugged, Wafer flangels, Double flanged

### Operation:

Handlever, Gearbox, Actuator

- ◆ Double offset
- ◆ Tight shut-off bi-directional to API 598
- ◆ Typical materials: Aluminium, Bronze, Monel, Carbon Steel, NACE, 316 Stainless Steel, Duplex St/St, Super Duplex St/St, Titanium
- ◆ Seal material: Nitrile / Viton / EPDM
- ◆ Lining - Bonded ebonite hard natural rubber



## TOSV - Double Block & Bleed

### Ratings:

150#, 300#, 600#

### Sizes:

4" (100mm) to 36" (900mm)

### Designs:

Double flanged

### Operation:

Gearbox, Actuator

- ◆ Double Block & Bleed - Two seals with bleed facility between
- ◆ Triple Offset
- ◆ Zero leakage capability
- ◆ Field replaceable seat & seals
- ◆ Temperatures 700° C ( 1292° F )
- ◆ Typical materials: Aluminium, Bronze, Monel, Carbon Steel, NACE, 316 Stainless Steel, Duplex St/St, Super Duplex St/St, Titanium
- ◆ Lloyds certified firesafe to API 607
- ◆ Above 24" & 300# contact factory



## Actuated Valves

- ◆ Actuated valves up to 138" & Ratings up to 2500#
- ◆ Pneumatic, Hydraulic, Electric & Electro Hydraulic
- ◆ On/Off & Control Duty
- ◆ Fast Acting
- ◆ Scotch Yoke & Rack & Pinion Designs
- ◆ St Steel, Carbon Steel, Ductile Iron & Aluminium materials
- ◆ Specialised control systems for ESD, HIPPS, Control & Partial Stroking applications
- ◆ Due to having no affiliation to any actuator manufacturer we can offer actuators specified on a project by project basis



## TOSV - Cryogenic Triple Offset Segment Valve

### Ratings:

150#, 300#, 600#, 900#, 1500#

### Sizes:

2" (50mm) to 84" (2100mm)

### Designs:

Wafer lugged, Wafer flangels, Double flanged, Top entry butt weld

### Operation:

Gearbox, Actuator

- ◆ Triple Offset
- ◆ Leakage to BS6364
- ◆ Field replaceable seat & seal
- ◆ Temperatures to -196° C ( -320° F )
- ◆ Typical materials: 316 Stainless Steel, Duplex St/St, Super Duplex
- ◆ Tested to BS364



# Company Profile

Founded in 1961 Solent & Pratt has been at the forefront of the design, development and manufacture of high quality rotary valves for over 48 years. An absolute commitment to outstanding quality and reliability has assisted our success in supplying engineered projects around the world, particularly in high-risk environments such as Oil & Gas, Chemical, Petrochemical and Power industries.



After almost half a century of valve manufacturing excellence the Solent & Pratt company was purchase by Curtiss Wright Flow Control.

Following the acquisition a new state of the art manufacturing plant was built in Bridport, England. The new plant is tooled with modern CNC machining centers for maximum precision and repetition in the manufacturing process.



Every valve produced by S&P undergoes the same rigorous quality procedures which meet ISO 9001 certification by Lloyds. In addition, our valves are certified fire safe to BS 6755 Pt.2. API 6FA, API 607 and DOT Rule 54 App D

**CURTISS  
WRIGHT**  
Flow Control Company  
Solent & Pratt



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