



300PSI FLANGED ENDS RESILIENT SEAT OS&Y (OUTSIDE SCREW & YOLK) GATE VALVE

MODEL: SFL-OSY-300-F



SIZES 2.5" TO 12"

GENERAL DESCRIPTION

Sanflo OS&Y valves (Outside Screw & Yolk) are designed for use in fire protection services. OS&Y valves control the flow of water, in an on or off position. The rising stems are fixed to the gate and lower together as the valve is operated, providing a visual indication of the on or off position.

KEY TECHNICAL FEATURES

| | |
|---|---|
| Conforms to: AWWA C515 / BS5163 standard | Max working pressure: 300PSI (21 bar) |
| Approvals: UL, ULC & FM | Max testing pressure: 600PSI (42bar) |
| Flanged ends are ANSI B16.2, CLASS 125/150/250 | Min/max working temperature: 15°F to 250°F (-10°C to 120°C) |
| Conforms to UL262 and ULC/ORD-C262 and FM CLASS 1120/1120 (non-shock cold working pressure) | Coating: fusion bonded epoxy interior And exterior conforming to AWWA C550 |
| Stainless steel stem, NPT plug | Certified lead free to: NSF-61 & ANSI-372 |

| DIA. | LENGTH | | HEIGHT (OPEN) | | HEIGHT (CLOSED) | | DIAMETER | | WEIGHT | |
|----------------|--------|-------|---------------|------|-----------------|------|----------|-----|--------|-----|
| | Inch | mm | Inch | mm | Inch | mm | Inch | mm | LB | KG |
| 2.5" (65mm) | 7.5 | 190.5 | 16.3 | 415 | 13.8 | 350 | 7.2 | 184 | 40 | 18 |
| 3" (80mm) | 8 | 203 | 18.9 | 480 | 15.7 | 400 | 10 | 254 | 44 | 20 |
| 4" (100mm) | 9 | 229 | 21.7 | 550 | 17.7 | 450 | 10 | 254 | 73 | 33 |
| 6" (150mm) | 10.5 | 267 | 29.1 | 740 | 23.2 | 590 | 12 | 305 | 117 | 53 |
| 8" (200mm) | 11.5 | 292 | 36.6 | 930 | 28.7 | 730 | 14 | 356 | 198 | 90 |
| 10" (250mm) | 13 | 330 | 44.5 | 1130 | 34.6 | 880 | 17.5 | 445 | 374 | 170 |
| 12" (300mm) | 14 | 356 | 52 | 1320 | 40.2 | 1020 | 17.5 | 445 | 493 | 224 |



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CARE AND MAINTENANCE

No regular maintenance is required, however it is advisable to annually inspect and verify proper operation. The frequency of testing, inspections, and/or maintenance is the sole responsibility of the end user. Only qualified fire protection integrators should perform any required maintenance involving the valve.

ORDERING INFORMATION

Specify model **SFL-OSY-300-F** and include valve size (diameter)
2.5" (65mm) 3" (80mm) 4" (100mm) 6" (150mm)
8" (200mm) 10" (250mm) 12" (300mm)

SANFLO PRODUCT WARRANTY

One (1) year from original sale date. Sanflo guarantees to repair or replace any products deemed to be defective in material or fabrication. Visit our website for full warranty details.

OPTIONAL END CONNECTIONS AVAILABLE

Groove x Groove Model **SFL-OSY-300-G**
Flange x Groove Model **SFL-OSY-300-FG**

MATERIAL SPECIFICATIONS

| ITEM | PART | MATERIAL & SPEC |
|------|------------|---------------------------------|
| 1 | Body | Ductile Iron, A536 65-45-12 |
| 2 | Stem | Stainless Steel, AISI 420 |
| 3 | Wedge | Ductile Iron, EPDM Encapsulated |
| 4 | Wedge Nut | Stainless Steel, AISI 304 |
| 5 | Yoke Nut | Bronze, B62 C83600 |
| 6 | Gasket | Rubber, EPDM |
| 7 | Bonnet | Ductile Iron, A536 65-45-12 |
| 8 | Packing | Graphite |
| 9 | Gland | Ductile Iron, A536 65-45-12 |
| 10 | NPT Plug | Malleable Iron |
| 11 | Hand wheel | Ductile Iron, A536 65-45-12 |
| 12 | Gland | Ductile Iron, A536 65-45-12 |
| 13 | NPT Plug | Carbon Steel, A307 B |
| 14 | Hand wheel | Stainless Steel, AISI 316 |