



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 & FM	Max testing pressure: 600PSI (42bar)
Flanges comply with ANSI B16.1 Class 125; ASME/ANSI B16.42 Class 150	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