

## Description

This gate valve is a resilient-seated OS&Y (Outside Stem and Yoke) type with flanged and grooved ends. This design provides a visual indication of whether the valve is open or closed, a key feature for fire protection systems. It is built with durable materials and is approved for fire protection applications to withstand high pressure.

## Product Information

- Model: 3299-365-FGLF
- Approval: UL Listed & FM Approved
- Valve Standard: FM Class 1120/1130 and UL262

## Performance Specifications

- Working Pressure: 365 PSI
- Working Temperature: 4°C to 70°C

## Ends Connection

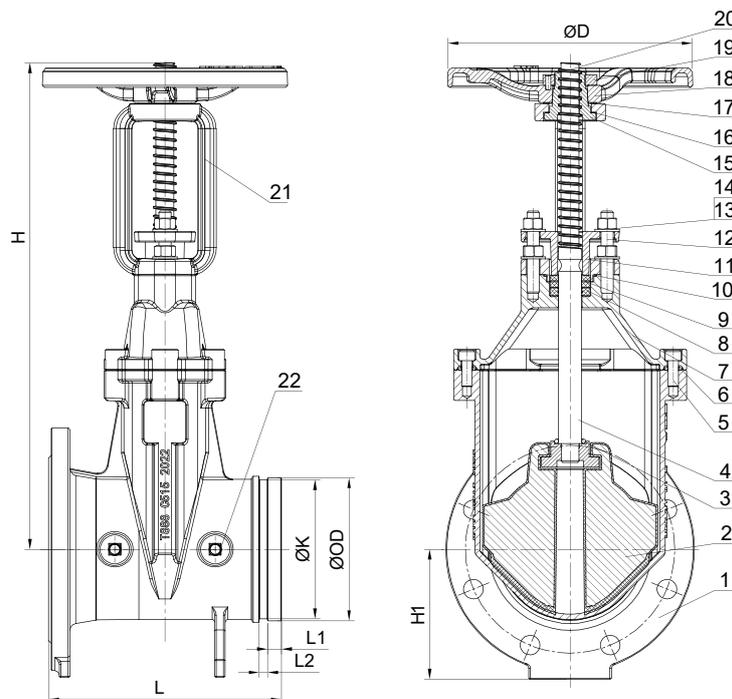
- Ends Connection Type: Flange-Groove Ends Connection

### Flanged End

- Standard Supply: ANSI B16.42 Class 150 RF
- Optional Supply: ANSI B16.1 Class 125 or ANSI B16.42 Class 300, or EN1092-2 or PN10 or PN16 or PN25 or BS10 Table D or Table E

### Grooved End

- Standard Supply: AWWA C606
- Optional Supply: VDS2100 or GB/T 8260



## Material List

No.	Part	Material	Specification
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Disc	Ductile Iron+EPDM	ASTM A536 65-45-12
3	O-Ring	EPDM	--
4	Stem	Stainless Steel	SS304
5	Screw	Carbon Steel	12.9
6	Sealing Gasket	EPDM	--
7	Bonnet	Ductile Iron	ASTM A536 65-45-12
8	Sealing Ring	EPDM	--
9	Packing	PTFE	--
10	O-Ring	EPDM	--
11	Gland	Ductile Iron	ASTM A536 65-45-12
12	Stud	Stainless Steel	SS304
13	Flat Washer	Stainless Steel	SS304
14	Nut	Stainless Steel	SS304
15	Stem Nut	Bronze	ASTM B62
16	Gasket	Steel	ASTM B16
17	Gasket	Steel	ASTM B16
18	Handwheel	Ductile Iron	ASTM A536 65-45-12
19	Lock Nut	Stainless Steel	ASTM A351 CF8
20	Lock Screw	Stainless Steel	SS304
21	Bracket	Ductile Iron	ASTM A536 65-45-12
22	Square Plug	Stainless Steel	SS304

## Dimensions

DN	INCH	H (Close) (mm)	H (Open) (mm)	AWWA C606		L (mm)	L1 (mm)	L2 (mm)	H1 (mm)	ΦD(mm)
				ΦK(mm)	ΦOD(mm)					
50	2"	341	409	Φ 60.3	Φ 57.15	178	15.88	7.93	86	Φ160
65	2 <sup>1/2</sup> "	341	409	Φ 73	Φ 69.09	191	15.88	7.93	95	Φ160
80	3"	379	463	Φ 89	Φ 85	203	15.88	9.53	105	Φ220
100	4"	420	522	Φ 114.3	Φ 110.80	229	15.88	9.53	120	Φ220
125	5"	562	715	Φ 141.3	Φ 137	254	15.88	9.53	133	Φ280
150	6"	562	715	Φ 168.3	Φ 164	267	15.88	9.53	148	Φ306
200	8"	708.5	913	Φ 219.1	Φ 214.10	292	19	12	176	Φ370
250	10"	861	1118	Φ 273	Φ 268	330	19	12.7	208	Φ420
300	12"	1000	1300	Φ 323.9	Φ 317.90	356	19	12.7	246	Φ445