

Description

This gate valve is a resilient-seated OS&Y (Outside Stem and Yoke) type with flanged and mechanical joint ends. This design provides a visual indication of whether the valve is open or closed, which is 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-FJLF
- 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

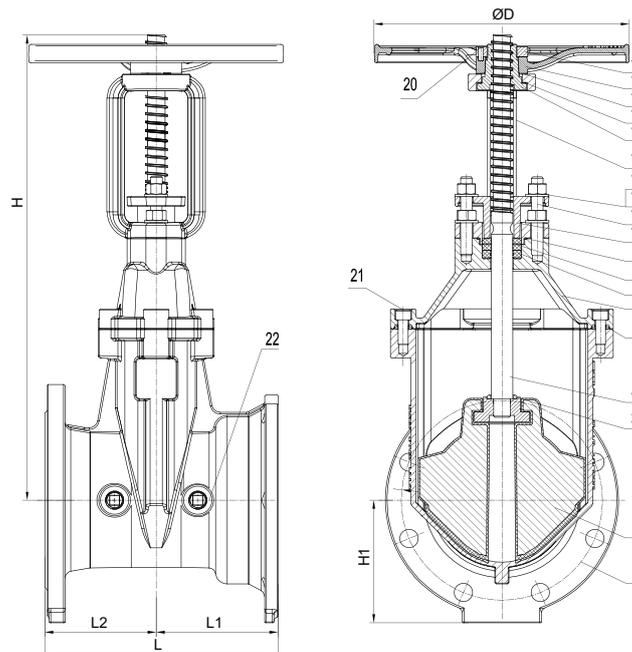
- Ends Connection Type: Flanged-Mechanical Joint Ends Connection

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

Mechanical Joint End

- Standard Supply: ANSI
- Optional Supply: AWWA C111 or A21.11-00



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	Sealing Gasket	EPDM	--
6	Bonnet	Ductile Iron	ASTM A536 65-45-12
7	Seal Ring	EPDM	--
8	Packing	PTFE	--
9	O-Ring	EPDM	--
10	Gland	Ductile Iron	ASTM A536 65-45-12
11	Stud	Stainless Steel	SS304
12	Flat Washer	Stainless Steel	SS304
13	Nut	Stainless Steel	SS304
14	Bracket	Ductile Iron	ASTM A536 65-45-12
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	Screw	Carbon Steel	12.9
22	Square Plug	Stainless Steel	SS304

Dimensions

DN	INCH	L (mm)	L1 (mm)	L2 (mm)	H1 (mm)	H (Close) mm	H (Open) mm
80	3"	222	120.5	101.5	105	379	463
100	4"	242	127	114.5	120	420	522
150	6"	279.5	146	133.5	148	562	715
200	8"	305	159	146	176	708.5	913
250	10"	352.5	187.5	165	204.5	861	1118
300	12"	367	189	178	247	1000	1300