



Model F48

Fire OS&Y Untapped Gate Valve

Application

Used as a control valve in fires protection systems.



Materials

Main body	Ductile Iron ASTM A 536 65-45-12
& Handwheel	Ductile Iron ASTM A 536 65-45-12
Covers	Ductile Iron ASTM A 536 65-45-12
Wedge	Ductile Iron ASTM A 536 65-45-12 W/EPDM
Coatings	AWWA Compliant fusion-bond epoxy finish
Internals	Stainless steel ASTM A 276 UNS S41000/ S42000
Fasteners	Brass ASTM B 584 UNS C83600 Zinc plated steel Grade 8.8 Brass ASTM B 584 UNS C83600
Elastomers	EPDM (FDA approved)
Stem	Bronze ASTM B 150 UNS C61400 or Stainless steel ASTM A 276 UNS S43100

Standards Compliance

- AWWA Compliant C515, C-550
- UL® Listed
- C-UL® Listed
- FM® Approved
- Certified to NSF/ANSI 372* by IAPMO R&T
*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

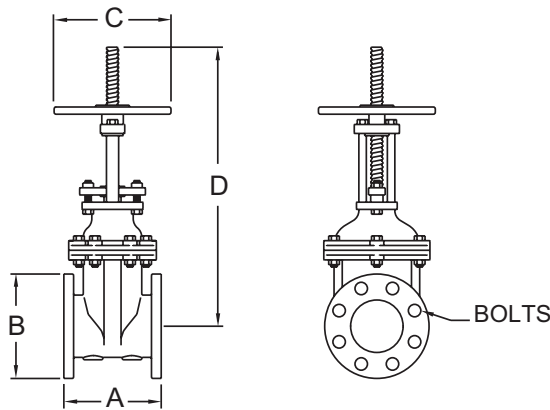
Features

Sizes:	2 1/2", 3", 4", 6", 8", 10"
Maximum working water pressure	250 PSI
Maximum working water temperature	140°F
Hydrostatic test pressure	500 PSI
End connections	(Flanged bolt pattern) ANSI/ASME B16.42 class 150

Accessories

- OS&Y gate valve tamper switch (OSY-40)

Dimensions & Weights (do not include pkg.)



SIZE		BOLT HOLES		WEIGHT	
in.	mm	# OF (per flange)	size	lbs.	kg
2 1/2	65	4	5/8	42	19
3	80	4	5/8	62	28
4	100	8	5/8	81	37
6	150	8	3/4	127	57
8	200	8	3/4	197	89
10	250	12	7/8	309	140

SIZE		DIMENSIONS (approximate)									
		A		B		C		D (open)		D (closed)	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
2 1/2	65	7 1/2	191	7	178	7 7/8	200	17 3/4	451	15 3/8	391
3	80	8	203	7 1/2	191	10 1/4	260	20 1/4	514	17	432
4	100	9	229	9	229	10 1/4	260	22 1/2	572	18 1/4	464
6	150	10 1/2	267	11	279	12 1/2	318	30 1/2	775	24 1/4	616
8	200	11 1/2	292	13 1/2	343	14 3/4	375	37	940	28 1/2	724
10	250	13	330	16	406	16 3/8	416	45 5/8	1159	34 3/4	883