

OS&Y GATE VALVE
MODEL FK-GV-RWS
FIREKILL

OS&Y Gate Valve

300 PSI (20.6 BAR) Non-Shock Cold Water (0°C - 80°C)

*Outside Screw & Yoke with Resilient Wedge & Pre-Grooved Stem for Supervisory Switch

No.	Description	Material
1	Valve Body	Ductile Iron ASTM A536, 65-45-12
2	Resilient Wedge Disc	Ductile Iron ASTM A536 + EPDM
3	Stem	Stainless Steel AISI 420
4	Bonnet Gasket	EPDM
5	Bonnet	Ductile Iron ASTM A536, 65-45-12
6	Packing	EPDM
7	Yoke	Ductile Iron ASTM A536, 65-45-12
8	Stem Bushing	Brass Hpb59-1
9	Gland	Ductile Iron ASTM A536, 65-45-12
10	Stem Nut	Brass Hpb59-1
11	Handwheel	Ductile Iron ASTM A536, 65-45-12
12	Washer	Brass Hpb59-1
13	Gland Nut	Carbon Steel Zinc Plated
14	Stud	Carbon Steel Zinc Plated
15	Flat Washer	Carbon Steel Zinc Plated
16	Bolt	Carbon Steel Zinc Plated
17	O-Ring	NBR
18	Plug	C89833

Application

Fire Protection Valve

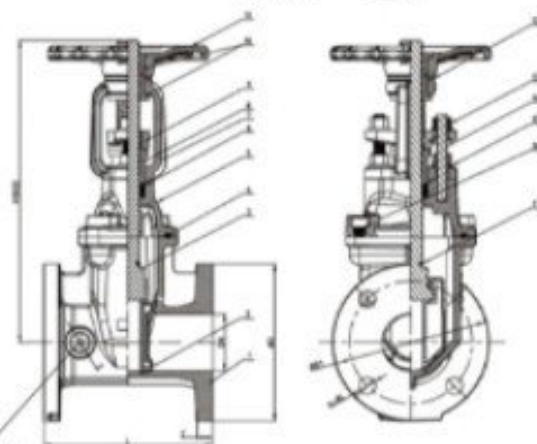
Valve Ends

Flanged End Connections Consistent with ANSI B16.1 Class 125

Coating

Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

- Size 2"-5" with 1pc of 1/2" bronze NPT tapping plug,
- Size 6"-12" with 1pc of 3/4" bronze NPT tapping plug



DN		Dimension (mm)						
Inch	mm	L	H1(Close)	H2(Open)	D	D1	C	n-ΦL
2"	50	178	348	400	152	120.7	16	4-Φ19.1
2.5"	65	190	373	440	178	139.7	17.5	4-Φ19.1
3"	80	203	408	490	191	152.4	19.1	4-Φ19.1
4"	100	229	471	573	229	190.5	19.1	8-Φ19.1
5"	125	254	541	665	254	215.9	19.1	8-Φ22.2
6"	150	267	601	755	279	241.3	19.1	8-Φ22.2
8"	200	292	774	975	343	298.5	22.2	8-Φ22.2
10"	250	330	939	1193	406	362	23.8	12-Φ25.4
12"	300	356	1065	1370	483	431.8	25.4	12-Φ25.4
14"	350	381	1403	1817	533	476.3	25.4	12-Φ26.6
16"	400	406	1403	1817	597	539.8	25.4	16-Φ26.6
18"	450	432	1788	2308	635	577.9	25.4	16-Φ31.8
20"	500	457	1809	2329	699	635	28.6	20-Φ31.8
24"	600	508	2025	2649	813	749.3	30.1	20-Φ34.9

**UL LISTED
FOR
OS&Y GATE VALVE
MODEL FK-GV-RWS**

HMRZ.EX28748 - Gate Valves

Gate Valves

FireKill Ltd

Universal Square Downshire street
M12 6JH Manchester
Manchester, M12 6JH United Kingdom

EX28748

Pattern	Model	Size, in.	End Configuration	Rated Pressure, psig
OS&Y	FK-GV-RWS	2, 2.5, 3, 4, 5, 6, 8, 10, 12	F by F (ANSI Flange)	300
OS&Y	FK-GV-RWS	2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 24	F by F (ANSI Flange)	250
NRS	FK-NRS-RWS	4, 5, 6, 8, 10, 12	F by F (ANSI Flange)	300
NRS	FK-NRS-RWS	4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 24	F by F (ANSI Flange)	250

Last Updated on 2022-02-18

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**FM APPROVAL
FOR
OS&Y GATE VALVE
MODEL FK-GV-RWS**

Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

FK-GV-RWS (300)

Resilient Seated Gate Valves, 2 through 12 in. NPS. Valves have a rated working pressure of 300 psi (2070 kPa). Available with the following end connections.

Product Specification

Model No	Valve Size		End Connection
	in	(mm)	
FK-GV-RWS	2, 2 1/2, 3, 4, 6, 8, 10, 12	(50, 65, 80, 100, 150, 200, 250, 300)	Flange x Flange (ANSI, BS, EN, JIS)

Details

Class of Work : 1120 - OS&Y and NRS Gate Valves

Approval Standard : FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)

Certification Type : FM Approved

Listing Country : United Kingdom

Category : Gate Valves, Outside Screw and Yoke

Company

Firekill

Universal Square, Downshire street, M12 6JH,
Manchester, United Kingdom
United Kingdom
<http://www.Firekill.uk>

Automatic Sprinkler Systems

Valves

Gate Valves

Gate Valves, Outside Screw and Yoke

Outside screw and yoke gate valves are recommended for service indoors and in pits outdoors. They are not recommended for throttling service. The stem indicates at a glance whether or not the valve is open. Smaller sizes, 3/4 through 2 in. NPS inclusive, are of bronze. Large sizes, 2 1/2 through 14 in. NPS inclusive, are of iron, bronze mounted. One manufacturer makes valves of bronze up through the 3 in. size. Unless otherwise noted in the listing, these valves have 175 psi (1205 kPa) rated working pressure.