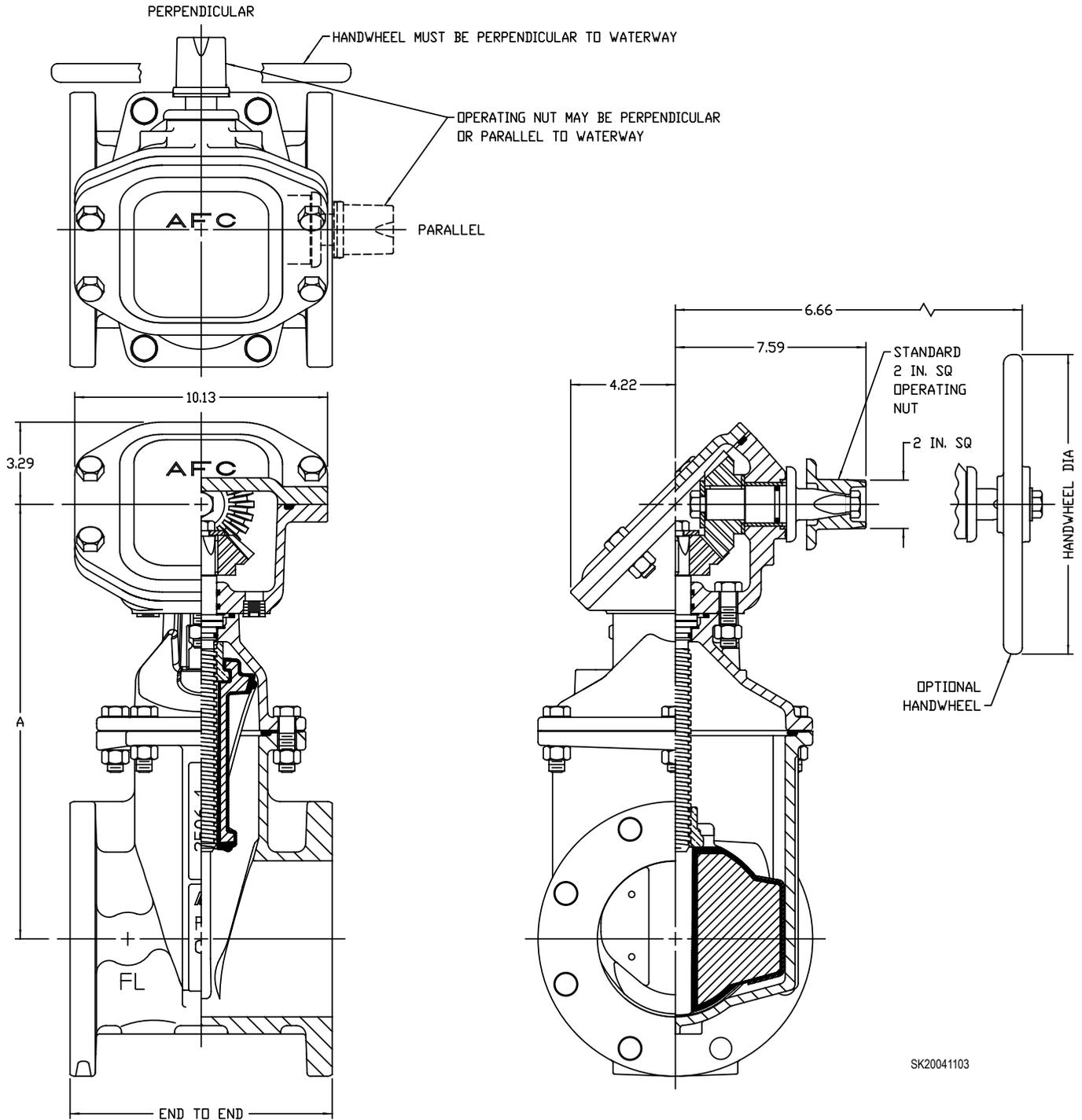


# AMERICAN Flow Control Submittal Information

## 3" - 12" SERIES 2500-1 RESILIENT WEDGE GATE VALVE WITH ENCLOSED A277 MITERGEARING (1:1 RATIO), NRS



VALVE SIZE	DIMENSION		
	A	END TO END FLANGE X FLANGE	HANDWHEEL DIA.
3"	12.04	8.00	8.00
4"	14.16	9.00	10.00
6"	17.03	10.50	12.00
8"	20.59	11.50	14.00
10"	24.22	13.00	14.00
12"	27.66	14.00	14.00



**AMERICAN**  
FLOW CONTROL

**THE RIGHT WAY**

AMERICAN Flow Control  
P.O. Box 2727  
Birmingham, Al. 35202-2727  
Phone: 1-800-326-8051  
Fax: 1-800-610-3569  
E-mail: afcsales@american-usa.com

Waterous Company  
125 Hardman Avenue South  
South St. Paul, Mn. 55075-1191  
Phone: 1-888-266-3686  
Fax: 1-800-601-2809  
E-mail: afcsales@american-usa.com

[WWW.AMERICAN-USA.COM](http://WWW.AMERICAN-USA.COM)

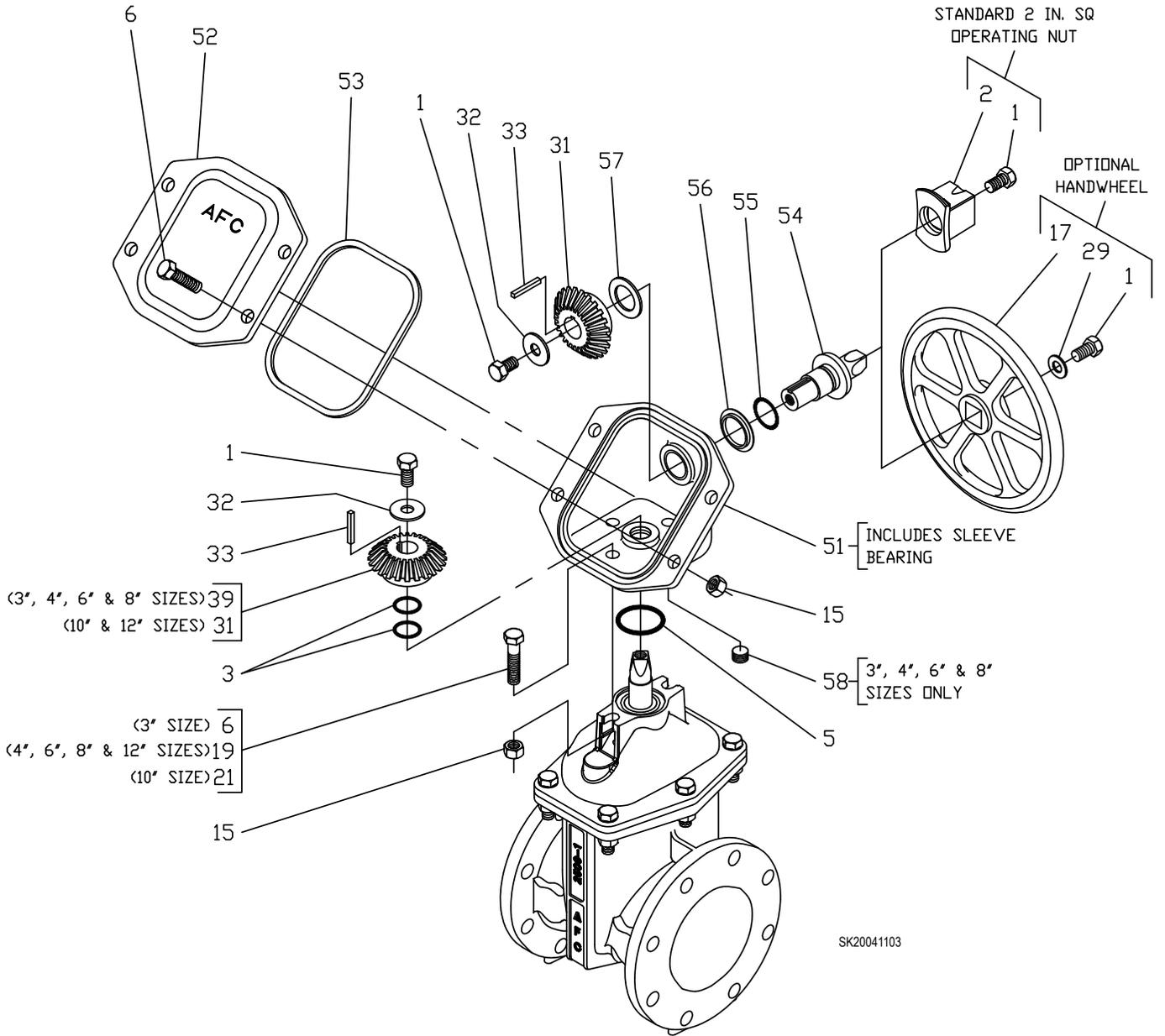


Illustration and parts list are typical of the 6-inch size.  
Construction of other sizes may vary slightly.



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REF NO.	DESCRIPTION	MATERIAL
1	Hex Head Bolt, 5/8-11 x 1"	304 Stainless Steel
2	Operating Nut, 2" Square	Ductile Iron, ASTM A536
3	O-ring	Rubber
5	Stuffing Box Gasket	Rubber O-ring
6	Hex Head Bolt, 5/8-11 x 1-3/4"	304 Stainless Steel
15	Hex Nut, 5/8-11	304 Stainless Steel
17	Handwheel	Ductile Iron, ASTM A536
19	Hex Head Bolt, 5/8-11 x 2-1/4"	304 Stainless Steel
21	Hex Head Bolt, 5/8-11 x 2-1/2"	304 Stainless Steel
29	Flat Washer, 5/8	304 Stainless Steel
31	Miter Gear	Steel, SAE 1020
32	Flat Washer	Aluminum, 2024-T4, ASTM B209M
33	Square Key, 1/4"	Stainless Steel
39	Miter Gear	Steel, SAE 1020
51	Gear Housing Assembly	Ductile Iron, ASTM A536 with a Sintered Bronze Bushing, ASTM B438, Grade 1, Type 2
52	Gear Housing Cover	Ductile Iron, ASTM A536
53	Housing Gasket	Rubber
54	Gear Shaft	Ductile Iron, ASTM A536
55	O-ring	Rubber
56	Thrust Bushing	Sintered Bronze, ASTM B438, Grade 1, Type 2
57	Thrust Washer	Sintered Bronze, ASTM B438, Grade 1, Type 2
58	Headless Pipe Plug, 1/2 NPT	Brass, UNS C27000

### OPTIONAL MATERIALS ARE AS FOLLOWS

BOLTS and NUTS: 316 Stainless Steel

### NOTES:

1. Meets requirements of ANSI/AWWA C515 with 250 psig rated working pressure.
2. Fusion-bonded epoxy-coated in accordance with ANSI/AWWA C550.
3. Certified to NSF/ANSI/CAN 61 & 372.



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