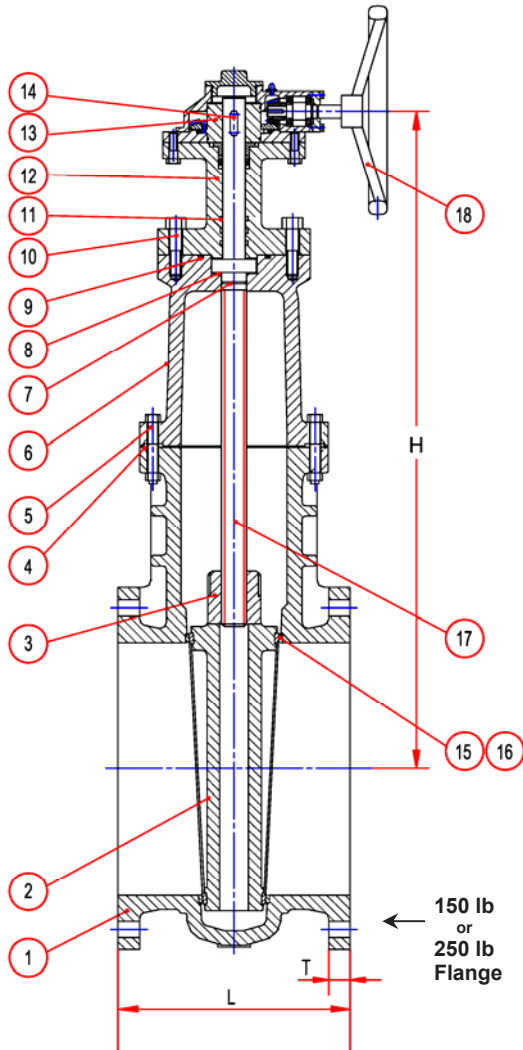


## Metal Seated Gate Valve With Bevel Gear Operator - Series 3800

AWWA C500 ▪ NRS Type ▪ FL x FL ▪ Sizes 18" - 48"



Spur gear configuration, available.  
Gears can be rotated in 90° increments.

### Features:

- Design and Materials Exceed AWWA C500.
- Flanges Conform to ANSI B16.1, Class 150, (ANSI B16.2, Class 250, Available).
- Bronze or Stainless Steel Stem.
- Working Pressure - ANSI Class 150 (ANSI Class 250, Available).
- Working Temperature: 14°F to 250°F.
- Available with Bypass and Rollers, Tracks and Scrapers
- 2" AWWA Ductile Iron Nut, Handwheel or Automatic Actuators Available.

No.	Part Name	Materials
1	Body	Ductile Iron ASTM A536 65-45-12
2	Wedge	Ductile Iron ASTM A536 65-45-12
3	Stem Nut	Aluminum Bronze
4	Gasket	Stainless Steel
5	Bolt	Stainless Steel
6	Bonnet	Ductile Iron ASTM A536 65-45-12
7	O-Ring	EPDM
8	Washer	PTFE Teflon
9	O-Ring	EPDM
10	Bolt	Stainless Steel
11	O-Ring	EPDM
12	Gland Adapter	Ductile Iron ASTM A536 65-45-12
13	Bevel Gear	Carbon Steel AISI 1045
14	Key	Stainless Steel
15	Body Seat	Bronze ASTM B62 (85-5-5-5)
16	Seat	Bronze ASTM B62 (85-5-5-5)
17	Stem	Bronze or Stainless Steel

### Dimensions:

Size	Model	L	H	T 150	T 250	Approx. Weight
18"	3818	17"	50½"	1 <sup>9</sup> / <sub>16</sub> "	2 <sup>3</sup> / <sub>8</sub> "	1,556#
20"	3820	18"	55"	1 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>2</sub> "	1,939#
24"	3824	20"	60"	1 <sup>7</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>4</sub> "	2,766#
30"	3830	24"	92"	1 <sup>7</sup> / <sub>8</sub> "	3"	5,920#
36"	3836	28"	100"	2 <sup>1</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	9,480#
42"	3842	32"	108"	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>4</sub> "	15,700#
48"	3848	36"	116"	2 <sup>5</sup> / <sub>8</sub> "	4"	18,200#