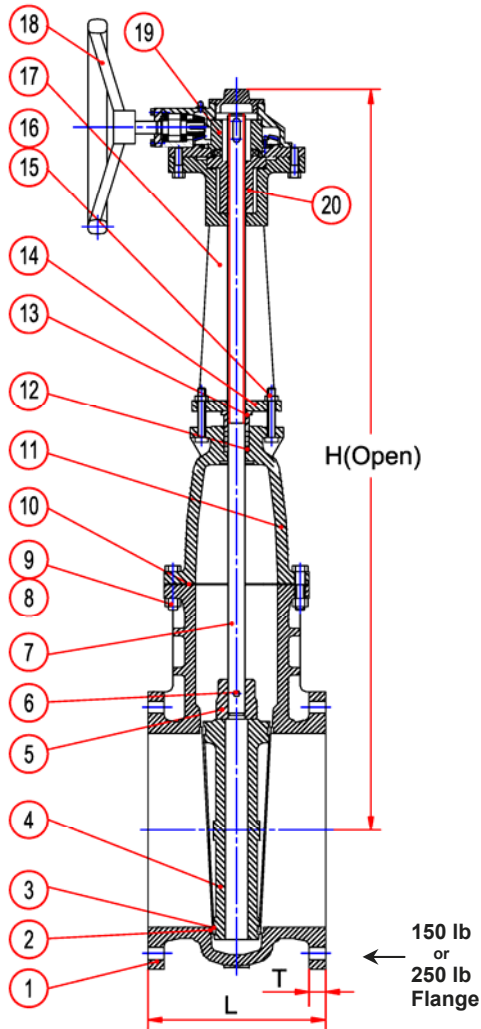


## Metal Seated Gate Valve With Bevel Gear Operator - Series 3700

AWWA C500 ▪ OS&Y Type ▪ FL x FL ▪ Sizes 18" - 48"



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

No.	Part Name	Materials
1	Body	Ductile Iron ASTM A536 65-45-12
2	Body Seat	Bronze ASTM B62 (85-5-5-5)
3	Seat	Bronze ASTM B62 (85-5-5-5)
4	Wedge	Ductile Iron ASTM A536 65-45-12
5	Stem Nut	Aluminum Bronze
6	Stem Pin	Stainless Steel
7	Stem	Bronze or Stainless Steel
8	Bolt	Stainless Steel
9	Nut	Stainless Steel
10	Gasket	Stainless Steel
11	Bonnet	Ductile Iron ASTM A536 65-45-12
12	Packing	Graphite Non Asbestos
13	Gland	Brass ASTM B16
14	Gland Follower	Ductile Iron ASTM A536 65-45-12
15	Bolt	Stainless Steel
16	Nut	Stainless Steel
17	Yoke	Ductile Iron ASTM A536 65-45-12
18	Stem Nut	Bronze ASTM B62 (85-5-5-5)
19	Bevel Gear	Carbon Steel AISI 1045

### Dimensions

Size	Model	L	H	T 150	T 250	Approx. Weight
18"	3718	17"	92"	1 <sup>9</sup> / <sub>16</sub> "	2 <sup>3</sup> / <sub>8</sub> "	1,556#
20"	3720	18"	106"	1 <sup>1</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>2</sub> "	1,939#
24"	3724	20"	108"	1 <sup>7</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>4</sub> "	2,766#
30"	3730	24"	110"	1 <sup>7</sup> / <sub>8</sub> "	3"	6,380#
36"	3736	28"	118"	2 <sup>1</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	10,150#
42"	3742	32"	126"	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>4</sub> "	17,300#
48"	3748	36"	134"	2 <sup>5</sup> / <sub>8</sub> "	4"	20,100#

### 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.
- Handwheel or Automatic Actuators, Available.