



## Series 405NRSRW NRS, Resilient Wedge, Flanged Gate Valves 2" – 12" – Epoxy Coated

### Features

- ASTM A126 Class B Cast Iron
- Full port flow, low head loss
- Fusion bonded coating, internal & external
- Vulcanized, encapsulated resilient wedge
- Easy in-line service
- Replaceable disc
- Boss-tapped and plugged
- MSS-SP-70 conformance
- 200psi CWP, non-shock
- Maximum Temperature: 140°F

### Materials

No.	Parts	Material	ASTM Designation
1	Body	Cast Iron	A126 Class B
2	Bonnet	Cast Iron	A126 Class B
3	Disc	Cast Iron & Rubber (Buna-N)	A126 Class B
4	Hand Wheel	Cast Iron	A126 Class B
5	Stem	Stainless Steel	A276 Type 304
6	Stuffing Box	Cast Iron	A126 Class B
7	O-ring A	Rubber	D2000AA6014
8	O-ring B	Rubber	D2000AA6014
9	Bonnet Gasket	Rubber	D2000AA6014
10	Stem Nut	Bronze	B62
11	Wiper Ring	Rubber	D2000AA6014
12	Bonnet Bolt & Nut	Steel	A307 Grade B
13	Stud & Nut	Steel	A307 Grade B
14	Hand Wheel Washer	Steel	A307 Grade B
15	Top Nut	Steel	A307 Grade B
16	Operating Nut	Cast Iron	A126 Class B

**4**  
Valves

**A**  
Ball & Gate  
Valves

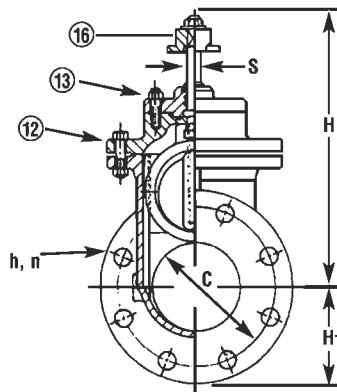
**B**  
Regulators

**C**  
Automatic  
Control  
Valves

Series 405NRSRW: Resilient wedge disc design offers positive seating and resistance against high differential pressure. Valve is best suited for service in either the fully open or closed position, but is also suitable as a throttling valve. Recommended for irrigation, potable water, water distribution service, feed lines, and sewage disposal facilities.

### Standards

Face-to-face dimensions and end flanges of the valves comply with the American Standard (ANSI B16.10, B16.1) for Class 125 cast iron flanged valves. Flanges are flat faced and smooth finished.



### Dimensions

Size	Flange Dimensions						W	H (NRS)	H1	S	Weight
	L	D	C	Bolt Holes		T					
				h	n	T					
2	7	6	4 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	4	5 <sup>8</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	3	5 <sup>8</sup> / <sub>16</sub>	22
2½	7½	7	5½	3 <sup>3</sup> / <sub>4</sub>	4	1 <sup>1</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	3½	5 <sup>8</sup> / <sub>16</sub>	29
3	8	7½	6	3 <sup>3</sup> / <sub>4</sub>	4	3 <sup>4</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	3¾	1 <sup>1</sup> / <sub>16</sub>	40
4	9	9	7½	3 <sup>3</sup> / <sub>4</sub>	8	1 <sup>9</sup> / <sub>16</sub>	8 <sup>13</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>2</sub>	4½	1 <sup>3</sup> / <sub>16</sub>	62
6	10½	11	9½	7 <sup>7</sup> / <sub>8</sub>	8	1	11	16 <sup>13</sup> / <sub>16</sub>	5½	1 <sup>5</sup> / <sub>16</sub>	111
8	11½	13½	11¾	7 <sup>7</sup> / <sub>8</sub>	8	1 <sup>1</sup> / <sub>8</sub>	11	20 <sup>7</sup> / <sub>8</sub>	6¾	1	194
10	13	16	14¼	1	12	1 <sup>3</sup> / <sub>16</sub>	12 <sup>7</sup> / <sub>16</sub>	23 <sup>7</sup> / <sub>8</sub>	8	1¼	272
12	14	19	17	1	12	1¼	14	28 <sup>3</sup> / <sub>16</sub>	9½	1¼	383

