

For Commercial and Irrigation Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 403RT-RW
Non-Rising Stem, Resilient Wedge,
Ring Tite Gate Valves

Sizes 2" – 6" (50 – 150mm) – Epoxy Coated

Series 403RT-RW Non-Rising Stem Resilient Wedge Ring Tite Gate Valves are available in sizes 2"– 6" (50 - 150mm). The valve body is epoxy coated cast iron and is operated by a handwheel or an operating nut and valve key. The resilient wedge disc design offers both positive seating and resistance against high differential pressure. Series 403RT-RW is best suited for service in either the fully open or closed position. It is also suitable for use as a throttling valve. This series is recommended for irrigation, potable water, water distribution service and feed lines, and sewage disposal facilities.



Features

- ASTM A126 Class B Iron
- Bubble tight shutoff
- Full port flow, low head loss
- Epoxy coated, internal and external
- Vulcanized encapsulated resilient wedge
- Stainless steel stem

Specifications

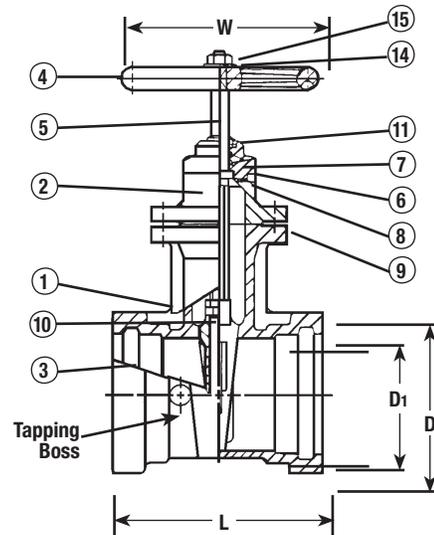
Valve shall be manufactured out ASTM A126 Class B iron. Valve shall be pressure rated to 200psi (13.8 bar) CWP. Valve shall have a non-rising stem, bubble tight shutoff, full port flow and stainless steel stem. Valve shall be a Watts Regulator Company Series 403RT-RW.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



Parts - Materials

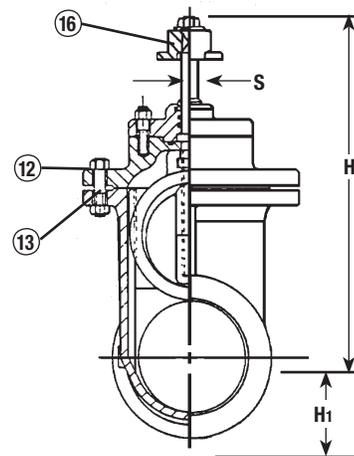
| NO. | PARTS | MATERIAL | ASTM DESIGNATION |
|-----|-------------------|-----------------------------|------------------|
| 1 | Body | Cast Iron | A126 Class B |
| 2 | Bonnet | Cast Iron | A126 Class B |
| 3 | Disc | Cast Iron & Rubber (Buna-N) | A126 Class B |
| 4 | Hand Wheel | Cast Iron | A126 Class 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 |



Pressure and Temperature

200psi (13.8 bar) CWP

Maximum Temperature 140°F (60°C)



Dimensions - Weights

| SIZE (DN) | | DIMENSIONS | | | | | | | | | | WEIGHT | | | | | |
|-----------|-----|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|------|----|------|-----|
| | | L | | D | | D1 | | W | | H | | H1 | | S | | lbs. | kg. |
| in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | | |
| 2 | 50 | 10½ | 267 | 3½ | 89 | 2½ | 64 | 7⅛ | 179 | 8 | 203 | 1¾ | 44 | ⅝" | 16 | 17 | 8 |
| 2½ | 65 | 10⅝ | 270 | 4⅝ | 110 | 3⅝ | 79 | 7⅛ | 179 | 9⅛ | 230 | 2¾ | 56 | ⅝" | 16 | 23 | 11 |
| 3 | 75 | 11⅝ | 283 | 5⅝ | 130 | 3⅝ | 92 | 7⅞ | 200 | 10¼ | 260 | 2⅞ | 65 | 11⅛" | 18 | 34 | 16 |
| 4 | 100 | 12¾ | 324 | 6 | 152 | 4⅝ | 117 | 8⅜ | 224 | 12½ | 318 | 3 | 76 | 1⅝" | 21 | 47 | 22 |
| 6 | 150 | 15¾ | 400 | 8¼ | 210 | 6¾ | 171 | 11 | 279 | 16⅜ | 427 | 4⅞ | 105 | 1⅝" | 24 | 101 | 46 |

WATTS®

Water Safety & Flow Control Products



ISO 9001-2000
CERTIFIED

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