

**AMERICAN AVK SWING CHECK VALVE, 250 PSI**  
**Tested to AWWA C508 - Resilient Seated with Lever & Weight**  
**Flanged Ends Drilled to ANSI B16.1 Class 125 - Valve Sizes 3" - 12"**

**41/42-43X**  
**RSLT/LW**

**Use:**

For potable water and sewage to maximum  
160°F.

**Tests:**

Hydraulic test to AWWA C508:

Shell Test: 500 PSI

Seat Test: 250 PSI

**Optional Extras:**

Available with Lever and Spring, right-hand or left-hand  
mounted.

W/O Lever&Weight

Tapping boss, tapped and plugged.

Priming Device ( 3-inch through 8-inch )

Open Limit Reducer ( 10-inch to 12-inch )

**Standard Materials:**

Body, Bonnet, Weight, Lever  
Hinge (10"-12") Ductile iron, ASTM A536

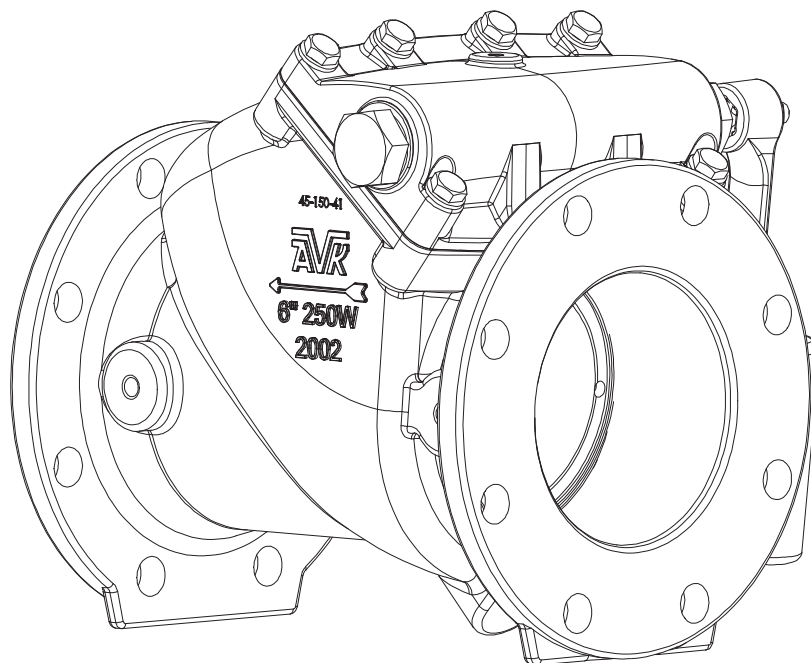
Coating Electrostatically applied fusion-  
bonded epoxy.  
Meets or exceeds AWWA C550

O-Rings, NBR  
Bonnet Gasket

Shaft, (Hinge, 3" - 8") Stainless steel  
Bonnet Bolts, Washers, Keys

Bushings Bronze

Resilient Seated EPDM rubber with a carbon  
Disc steel core



C508 clear waterway design. Laylength to ANSI B16.10



American AVK Company  
an ISO 9001-2000 registered company

DS S41/4243X RSLT LW  
Subject to change without notice. (rev. 0908)

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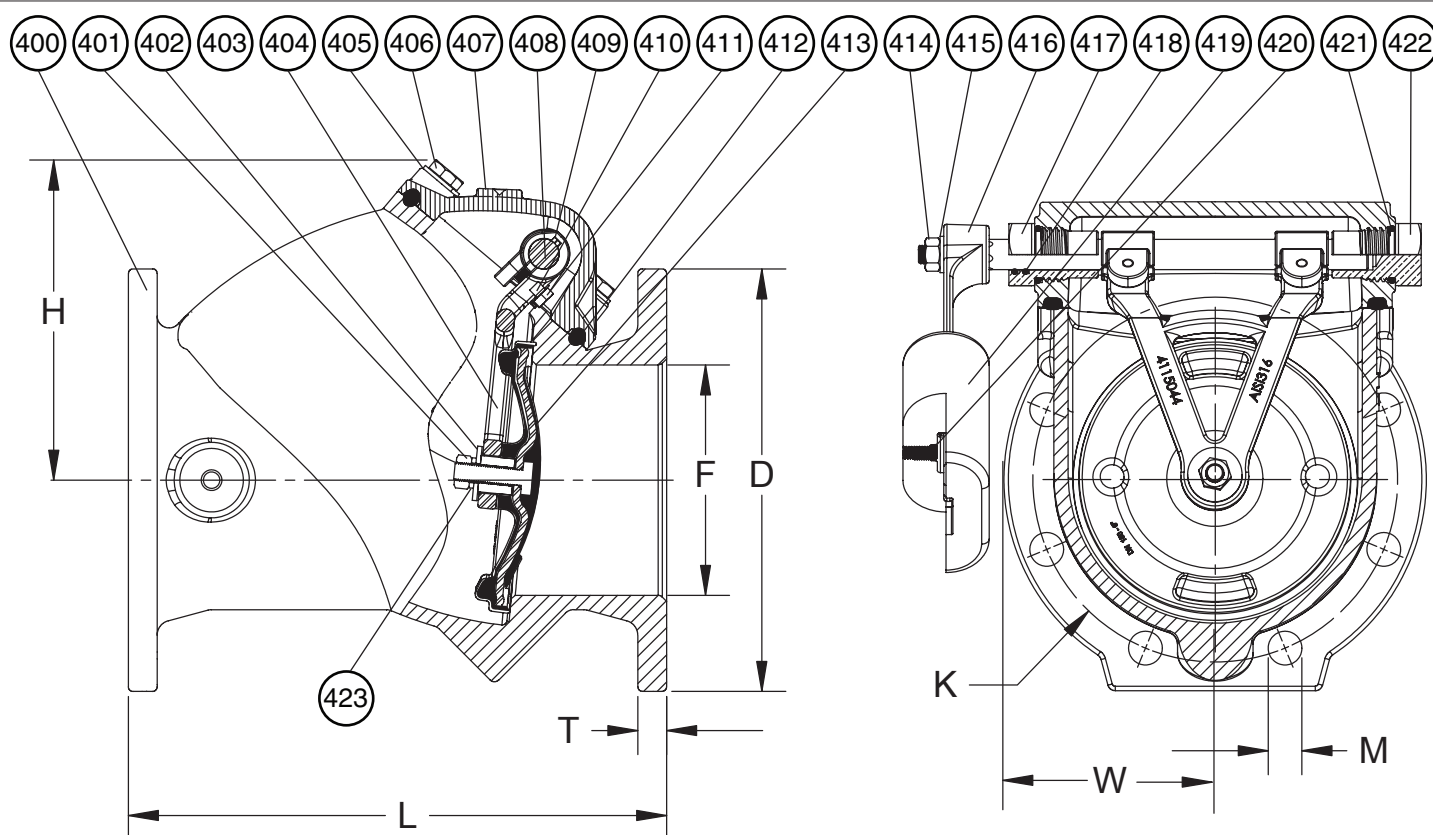
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**Components**

|                    |                  |                    |                           |                         |
|--------------------|------------------|--------------------|---------------------------|-------------------------|
| 400. Body          | 406. Bonnet Bolt | 412. Bonnet Gasket | 418. Inner Bushing O-ring | 423. Disc Lock Washer** |
| 401. Disc Nut      | 407. Bonnet      | 413. Disc          | 419. Weight               | 429. Bonnet O-ring*     |
| 402. Disc Washer   | 408. Shaft       | 414. Shaft Nut     | 420. Set Screw            | 430. Hinge Connector*   |
| 403. Disc Bushing  | 409. Key         | 415. Shaft Washer  | 421. Outer Bushing        | 431. Retaining Washers* |
| 404. Hinge         | 410. Lock Washer | 416. Lever         | O-ring                    | 432. Shaft Spacers*     |
| 405. Bonnet Washer | 411. Hinge Bolt  | 417. Open Bushing  | 422. Closed Bushing       |                         |

\* 10" and 12" Valves ( not shown )

\*\* As of March 1st, 2008 on 3" through 8" valves, the Disc Lock Washer (423), and Disc Nut (401), are replaced by a new self locking Disc Nut (401).



| Ref No.       | Size | D      | F      | H      | K      | L      | M     | T     | W     | Flange<br>Holes | Weight<br>(lbs.) |
|---------------|------|--------|--------|--------|--------|--------|-------|-------|-------|-----------------|------------------|
| 41-080-42-43X | 3"   | 7.50"  | 3.00"  | 5.50"  | 6.00"  | 9.50"  | 0.75" | 0.75" | 3.76" | 4               | 35               |
| 41-100-42-43X | 4"   | 9.00"  | 4.00"  | 6.00"  | 7.50"  | 11.50" | 0.75" | 0.75" | 4.50" | 8               | 51               |
| 41-150-42-43X | 6"   | 11.00" | 6.00"  | 7.75"  | 9.50"  | 14.00" | 0.88" | 0.75" | 5.50" | 8               | 86               |
| 41-200-42-43X | 8"   | 13.50" | 8.00"  | 9.00"  | 11.75" | 19.50" | 0.88" | 0.80" | 6.75" | 8               | 165              |
| 41-250-42-43X | 10"  | 16.00" | 10.00" | 13.50" | 14.25" | 24.50" | 1.00" | 1.20" | 8.01" | 12              | 450              |
| 41-300-42-43X | 12"  | 19.00" | 12.00" | 15.37" | 17.00" | 27.50" | 1.00" | 1.26" | 9.50" | 12              | 590              |

42 = Lever & Weight Right Side

43 = Lever & Weight Left Side

