

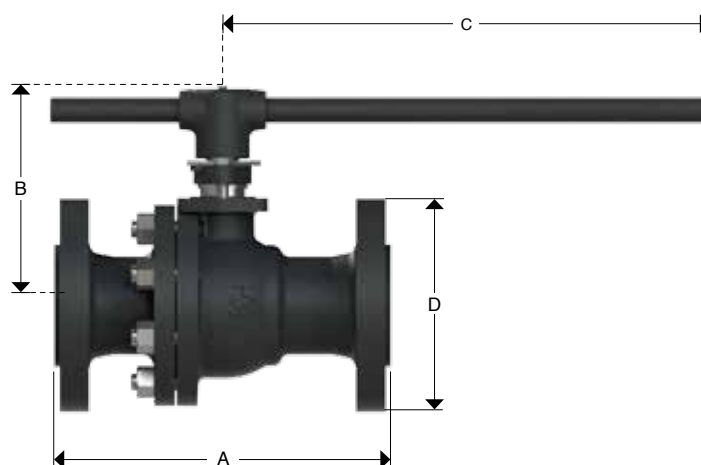
# WALWORTH STANDARD FLOATING BALL VALVES CLASS 600

## Design Features

- Design in accordance with MSS SP-72, API-608 & API-6D
- CLASS 600 as per ASME B16.34
- Full Port
- Two-piece body
- Cast Steel Construction
- Bolted Body
- Flanged ends as per ASME B16.5
- End to end dimensions as per ASME B16.10
- Butt Weld ends as per ASME B16.25
- Gear Operator 4" and larger (Optional)
- Valves could be supplied with ISO-5211 flange for operator installation (optional)

| Lever Operator     |                         |
|--------------------|-------------------------|
| Catalog Figure No. | Type of Ends            |
| 7612               | Flanged Raised Face     |
| 7613               | Flanged Ring Type Joint |
| 7614               | Butt Weld               |

| Gear Operator      |                         |
|--------------------|-------------------------|
| Catalog Figure No. | Type of Ends            |
| 7622               | Flanged Raised Face     |
| 7623               | Flanged Ring Type Joint |
| 7624               | Butt Weld               |



## Dimensions and Weights

| D<br>Nominal<br>Diameter | mm | 15    | 20    | 25    | 40    | 50     | 65     | 80     | 100    |
|--------------------------|----|-------|-------|-------|-------|--------|--------|--------|--------|
|                          | in | 1/2   | 3/4   | 1     | 1 1/2 | 2      | 2 1/2  | 3      | 4      |
| A<br>(RF)                | mm | 165   | 190   | 216   | 241   | 292    | 330    | 356    | 432    |
|                          | in | 6 1/2 | 7 1/2 | 8 1/2 | 9 1/2 | 11 1/2 | 13     | 14     | 17     |
| D                        | mm | 95    | 117   | 124   | 156   | 165    | 190    | 210    | 273    |
|                          | in | 3 3/4 | 4 3/5 | 4 7/8 | 6 1/7 | 6 1/2  | 7 1/2  | 8 1/4  | 10 3/4 |
| B                        | mm | 72    | 95    | 110   | 130   | 142    | 180    | 200    | 245    |
|                          | in | 2 5/6 | 3 3/4 | 4 1/3 | 5 1/8 | 5 3/5  | 7      | 7 7/8  | 9 2/3  |
| C                        | mm | 160   | 160   | 230   | 230   | 400    | 400    | 500    | 800    |
|                          | in | 6 2/7 | 6 2/7 | 9     | 9     | 15 3/4 | 15 3/4 | 19 2/3 | 31 1/2 |
| Weight<br>7612           | kg | 5     | 7     | 9     | 17    | 25     | 42     | 56     | 85     |
|                          | lb | 11.03 | 15.44 | 19.85 | 37.49 | 55.13  | 92.61  | 123.48 | 187.43 |

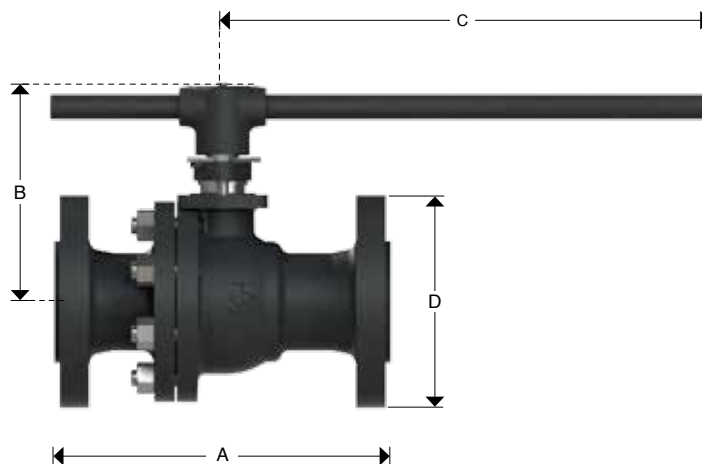
# WALWORTH FIRE SAFE FLOATING BALL VALVES CLASS 600 FULL PORT

## Design Features

- Design in accordance with API-6D & API 608
- CLASS 600 as per ASME B16.34
- Full Port
- Two-piece body
- Fire safe design as per API 607
- Cast Steel Construction
- Bolted Body
- Flanged ends as per ASME B16.5
- End to end dimensions as per ASME B16.10
- Butt Weld ends as per ASME B16.25
- Gear Operator 4" and larger (Optional)
- Valves could be supplied with ISO-5211 flange for operator installation (optional)

| Lever Operator     |                         |
|--------------------|-------------------------|
| Catalog Figure No. | Type of Ends            |
| 7612-Z             | Flanged Raised Face     |
| 7613-Z             | Flanged Ring Type Joint |
| 7614-Z             | Butt Weld               |

| Gear Operator      |                         |
|--------------------|-------------------------|
| Catalog Figure No. | Type of Ends            |
| 7622-Z             | Flanged Raised Face     |
| 7623-Z             | Flanged Ring Type Joint |
| 7624-Z             | Butt Weld               |



## Dimensions and Weights

| D<br>Nominal<br>Diameter | mm | 15    | 20    | 25    | 40    | 50     | 65     | 80     | 100    |
|--------------------------|----|-------|-------|-------|-------|--------|--------|--------|--------|
|                          | in | 1/2   | 3/4   | 1     | 1 1/2 | 2      | 2 1/2  | 3      | 4      |
| A<br>(RF)                | mm | 165   | 190   | 216   | 241   | 292    | 330    | 356    | 432    |
|                          | in | 6 1/2 | 7 1/2 | 8 1/2 | 9 1/2 | 11 1/2 | 13     | 14     | 17     |
| D                        | mm | 95    | 117   | 124   | 156   | 165    | 190    | 210    | 273    |
|                          | in | 3 3/4 | 4 3/5 | 4 7/8 | 6 1/7 | 6 1/2  | 7 1/2  | 8 1/4  | 10 3/4 |
| B                        | mm | 72    | 95    | 110   | 130   | 142    | 180    | 200    | 245    |
|                          | in | 2 5/6 | 3 3/4 | 4 1/3 | 5 1/8 | 5 3/5  | 7      | 7 7/8  | 9 2/3  |
| C                        | mm | 160   | 160   | 160   | 230   | 400    | 400    | 500    | 800    |
|                          | in | 6 2/7 | 6 2/7 | 6 2/7 | 9     | 15 3/4 | 15 3/4 | 19 2/3 | 31 1/2 |
| Weight<br>7612-Z         | kg | 5     | 7     | 9     | 17    | 25     | 42     | 56     | 85     |
|                          | lb | 11.03 | 15.44 | 19.85 | 37.49 | 55.13  | 92.61  | 123.48 | 187.43 |

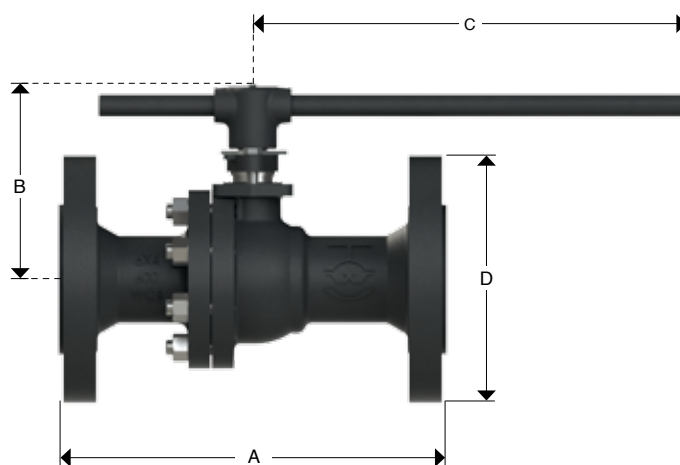
# **WALWORTH FIRE SAFE FLOATING BALL VALVES CLASS 600** **REDUCED PORT**

## **Design Features**

- Design in accordance with API-6D & API 608
- CLASS 600 as per ASME B16.34
- Reduced Port
- Two-piece body
- Fire safe design as per API 607
- Cast Steel Construction
- Bolted Body
- Flanged ends as per ASME B16.5
- End to end dimensions as per ASME B16.10
- Butt Weld ends as per ASME B16.25
- Gear Operator 4" X 3" and larger (Optional)

| Lever Operator (Reduced Port) |                         |
|-------------------------------|-------------------------|
| Catalog Figure No.            | Type of Ends            |
| 7612-RZ                       | Flanged Raised Face     |
| 7613-RZ                       | Flanged Ring Type Joint |
| 7614-RZ                       | Butt Weld               |

| Gear Operator (Reduced Port) |                         |
|------------------------------|-------------------------|
| Catalog Figure No.           | Type of Ends            |
| 7622-RZ                      | Flanged Raised Face     |
| 7623-RZ                      | Flanged Ring Type Joint |
| 7624-RZ                      | Butt Weld               |



## **Dimensions and Weights**

| D<br>Nominal<br>Diameter | mm | 15 X 10   | 20 X 15   | 25 X 20 | 40 X 32       | 50 X 40   | 80 X 50 | 100 X 80 |
|--------------------------|----|-----------|-----------|---------|---------------|-----------|---------|----------|
|                          | in | 1/2 X 3/8 | 3/4 X 1/2 | 1 X 3/4 | 1 1/2 X 1 1/4 | 2 X 1 1/2 | 3 X 2   | 4 X 3    |
| A<br>(RF)                | mm | 165       | 190       | 216     | 241           | 292       | 356     | 432      |
|                          | in | 6 1/2     | 7 1/2     | 8 1/2   | 9 1/2         | 11 1/2    | 14      | 17       |
| D                        | mm | 95        | 117       | 124     | 156           | 165       | 210     | 273      |
|                          | in | 3 3/4     | 4 3/5     | 4 7/8   | 6 1/7         | 6 1/2     | 8 1/4   | 10 3/4   |
| B                        | mm | 72        | 72        | 95      | 113           | 130       | 142     | 200      |
|                          | in | 2 5/6     | 2 5/6     | 3 3/4   | 4 4/9         | 5 1/8     | 5 3/5   | 7 7/8    |
| C                        | mm | 160       | 160       | 160     | 200           | 230       | 400     | 500      |
|                          | in | 6 2/7     | 6 2/7     | 6 2/7   | 7 7/8         | 9         | 15 3/4  | 19 2/3   |
| Weight<br>7612-RZ        | kg | 5         | 6         | 7       | 13            | 21        | 39      | 72       |
|                          | lb | 11.03     | 13.23     | 15.44   | 28.67         | 46.31     | 86.00   | 158.77   |