

# OKI Valves

Brochure



**OKI<sup>®</sup>**



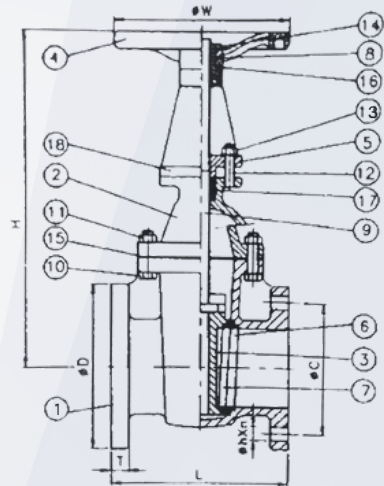
# CAST IRON GATE VALVE OS & Y FLANGED ENDS

## Features:

- Rising Stem
- Bolted Bonnet
- Solid Wedge Disc
- Face to Face dimensions conform to B16.10

## Materials list

|     |                 |                 |                  |
|-----|-----------------|-----------------|------------------|
| 18  | Yoke            | Cast Iron       | A126-B           |
| 17  | Gland Packing   | Asbestos        |                  |
| 16  | Yoke Nut        | Cast Iron       | A126-B           |
| 15  | Gasket          | Rubber          | Synthetic Rubber |
| 14  | Handwheel Nut   | Steel           | Carbon Steel     |
| 13  | Gland Bolt Nut  | Steel           | Carbon Steel     |
| 12  | Gland Bolt      | Steel           | Carbon Steel     |
| 11  | Bonnet Bolt Nut | Steel           | Carbon Steel     |
| 10  | Bonnet Bolt     | Steel           | Carbon Steel     |
| 9   | Stem            | Stainless Steel | S.S.410          |
| 8   | Stem Nut        | Cast Bronze     | B62              |
| 7   | Disc Seat Ring  | Cast Bronze     | B62              |
| 6   | Body Seat Ring  | Cast Bronze     | B62              |
| 5   | Gland           | Cast Iron       | A126-B           |
| 4   | Handwheel       | Cast Iron       | A126-B           |
| 3   | Disc            | Cast Iron       | A126-B           |
| 2   | Bonnet          | Cast Iron       | A126-B           |
| 1   | Body            | Cast Iron       | A126-B           |
| No. | PART NAME       | MATERIAL        | ASTM             |



# CAST IRON GATE VALVE OS & Y FLANGED ENDS

Dimension for ANSI 150 LB

Unit: Inches

| SIZE | 2"  | 2½  | 3"  | 4" | 5"  | 6"  | 8"  | 10"      | 12" |
|------|-----|-----|-----|----|-----|-----|-----|----------|-----|
| L    | 7   | 7½  | 8   | 9  | 10  | 10½ | 11½ | 13       | 14  |
| H    | 12¾ | 13½ | 15¾ | 19 | 22¼ | 24¾ | 30¾ | 35¾      | 41¾ |
| W    | 6½  | 6½  | 7⅞  | 9½ | 10½ | 11½ | 13¾ | 14⅞<br>6 | 17¾ |

Face to Face conform to ANSI B16.10



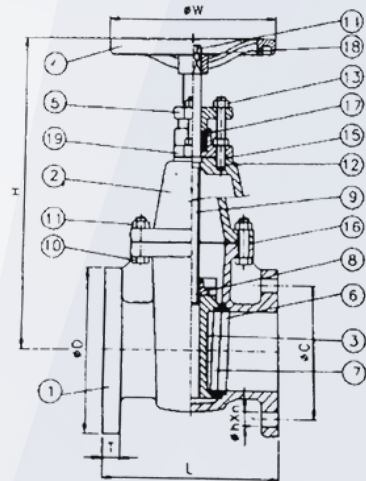
# CAST IRON GATE VALVE NRS FLANGED ENDS

## Features:

- Non-Rising Stem
- Bolted Bonnet
- Inside Screw
- Solid Wedge Disc
- Flange to B16.10

## Materials List

|     |                 |                 |                  |
|-----|-----------------|-----------------|------------------|
| 19  | Stuffing Box    | Cast Iron       | A126-B           |
| 18  | Name Plate      | Aluminum Plate  | Aluminum         |
| 17  | Gland Packing   | *Asbestos       |                  |
| 16  | Gasket          | Rubber          | Synthetic Rubber |
| 15  | Gasket          | Rubber          | Synthetic Rubber |
| 14  | Handwheel Nut   | Steel           |                  |
| 13  | Gland Bolt Nut  | Steel           |                  |
| 12  | Gland Bolt      | Steel           |                  |
| 11  | Bonnet Bolt Nut | Steel           |                  |
| 10  | Bonnet Bolt     | Steel           | Carbon Steel     |
| 9   | Stem            | Stainless Steel | S.S.410          |
| 8   | Stem Nut        | Cast Bronze     | B62              |
| 7   | Disc Seat Ring  | Cast Bronze     | B62              |
| 6   | Body Seat Ring  | Cast Bronze     | B62              |
| 5   | Gland           | Cast Iron       | A126-B           |
| 4   | Handwheel       | Cast Iron       | A126-B           |
| 3   | Disc            | Cast Iron       | A126-B           |
| 2   | Bonnet          | Cast Iron       | A126-B           |
| 1   | Body            | Cast Iron       | A126-B           |
| No. | PART NAME       | MATERIAL        | ASTM             |



# CAST IRON GATE VALVE NRS FLANGED ENDS

Dimension for ANSI 150 LB

Unit: Inches

| SIZE | 2"  | 2½   | 3"      | 4"   | 5"  | 6"   | 8"   | 10"      | 12"  |
|------|-----|------|---------|------|-----|------|------|----------|------|
| L    | 7   | 7 ½  | 8       | 9    | 10  | 10 ½ | 11½  | 13       | 14   |
| H    | 9 ⅞ | 10 ¾ | 12      | 14 ¾ | 17  | 19   | 23   | 27 ⅞     | 31 ⅞ |
| W    | 6½  | 6½   | 7 11/16 | 9 ½  | 10½ | 11 ½ | 13 ⅞ | 14 13/16 | 17 ¾ |

Face to Face conform to ANSI B16.10



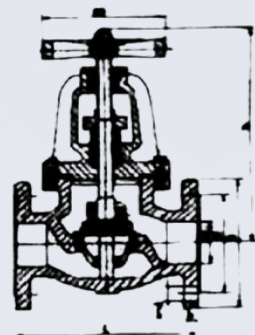
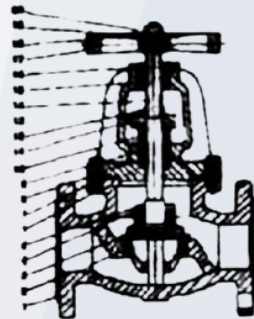
# CAST IRON GLOBE VALVE FLANGED ENDS

## Features:

- Flanges drilled to ANSI B 16 (125lb)
- Face to Face dimensions conform to BS5152 Series 2
- Working Pressure 125S WOG
- Suitable Media: Water, Oil, Gas

## Materials list

|                         |              |                    |
|-------------------------|--------------|--------------------|
| 20 Nut                  | Steel        | ASTM A307-B        |
| 19 Washer               | Steel        | ASTM A307-B        |
| 18 Identification Plate | Aluminum     | Commercial         |
| 17 Hand Wheel           | Cast Iron    | ASTM A126 CLASS B  |
| 16 Screws               | Steel        | ASTM B584          |
| 15 Yoke Bushing         | Cast Brass   | ASTM B62           |
| 14 Stem                 | Brass        | ASTM B16           |
| 13 Nuts                 | Steel        | ASTM A307-B        |
| 12 Gland Bolts          | Steel        | ASTM A307-B        |
| 11 Gland Follower       | Ductile Iron | ASTM A536 65-45-12 |
| 10 Packing Gland        | Cast Brass   | ASTM B584          |
| 9 Packing               | Graphite     | Non Asbestos       |
| 8 Bonnet                | Cast Iron    | ASTM A126 CLASS B  |
| 7 Body Gasket           | Graphite     | Non Asbestos       |
| 6 Bolts                 | Steel        | ASTM A307-B        |
| 5 Swivel Nut            | Cast Brass   | ASTM B584          |
| 4 Gasket                | Brass        | ASTM B16           |
| 3 Disc                  | Cast Bronze  | ASTM B62           |
| 2 Seat Ring             | Cast Bronze  | ASTM B62           |
| 1 Body                  | Cast Iron    | ASTM A126 CLASS B  |
| Part Name               | Material     | ASTM               |



# ANSI – 125 / 150 CAST IRON SWING CHECK VALVE

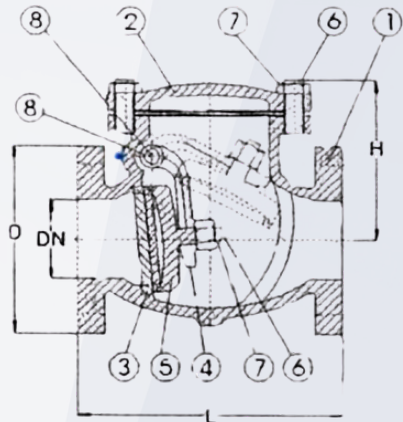


## Features:

- Face to face according to ANSI B 16.10
- Flange drilled is according to ANSI B 16.1
- Suitable Media: Water, Air, Low Pressure Steam, Non-corrosive Oils, Non-corrosive Chemicals

## Components

|           |            |                 |
|-----------|------------|-----------------|
| 8         | Drain Plug | Stainless Steel |
| 8         | Pin        | Stainless Steel |
| 7         | Nut        | Carbon Steel    |
| 6         | Bolt       | Carbon Steel    |
| 5         | Disc       | Cast Iron       |
| 4         | Arm        | Cast Iron       |
| 3         | Sealing    | Cast Bronze     |
| 2         | Bonnet     | Cast Iron       |
| 1         | Body       | Cast Iron       |
| Part Name |            | Material        |



## Test

|                     |                          |         |
|---------------------|--------------------------|---------|
| Working Pressure    | 125 PSI                  | 150 PSI |
| Test Pressure Shell | 21.1 kgf/cm <sup>2</sup> |         |
| Seat                | 15.4 kgf/cm <sup>2</sup> |         |

# ANSI – 125 / 150 CAST IRON SWING CHECK VALVE

## Dimension for ANSI 150 LB

| DN | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 | 400 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|    | 1.5 | 2   | 2.5 | 3   | 4   | 5   | 6   | 8   | 10  | 12  | 16  |
| L  | 165 | 203 | 216 | 241 | 292 | 330 | 356 | 495 | 622 | 698 | 914 |
| H  | 101 | 102 | 114 | 139 | 152 | 170 | 203 | 246 | 292 | 330 | 405 |
| D  | 127 | 152 | 178 | 191 | 229 | 254 | 279 | 343 | 406 | 483 | 597 |



# ANSI – 125 / 150 CAST IRON SWING CHECK VALVE

## Features:

- This valve is tightly sealed, without leakage under the hydraulic test.
- Safe and reliable in operation, high-interference resistance.

## Technical Data

|                        |         |                                                                                              |                   |           |
|------------------------|---------|----------------------------------------------------------------------------------------------|-------------------|-----------|
| DN Nominal Diameter    |         | 50(2") ~ 1000<br>(40")                                                                       | 50(2") ~ 800(32") | mm (inch) |
| PN Nominal Pressure    |         | 1.0                                                                                          | 1.6               | MPa       |
| Testing Pressure       | Shell   | 1.5                                                                                          | 2.4               |           |
|                        | Sealing | 1.1                                                                                          | 1.75              |           |
| °C Working Temperature |         | -15 ~ +150                                                                                   |                   |           |
| Suitable Media         |         | Fresh Water, Sewage, Sea Water, Air, Vapor, Food, Medicine, Oils, Acids, Alkalis Salts, etc. |                   |           |

## BUTTERFLY VALVE LEVER OPERATED



This valve controls the flow of medium in pipelines, allowing start, stop, or regulation.

Operated by a lever handle, it enables quick disc movement with minimal effort and ensures a reliable seal to prevent leakage or backflow.

### Features:

#### Face to Face

OKI valves are designed to meet ISO 5752 table 5 short

#### Mounting Flange

OKI valves are designed to comply with ISO 5211, so they can easily be fitted with an actuator

#### Flange Requirements

Either flat face or raised face, OKI Valves are designed to suit:

- ANSI 125/510
- BS 10 Table E
- DIN PN 10

#### Pressure Rating

Bi-directional bubble-tight shut off to 10 Bar and tested to 110% of full rating

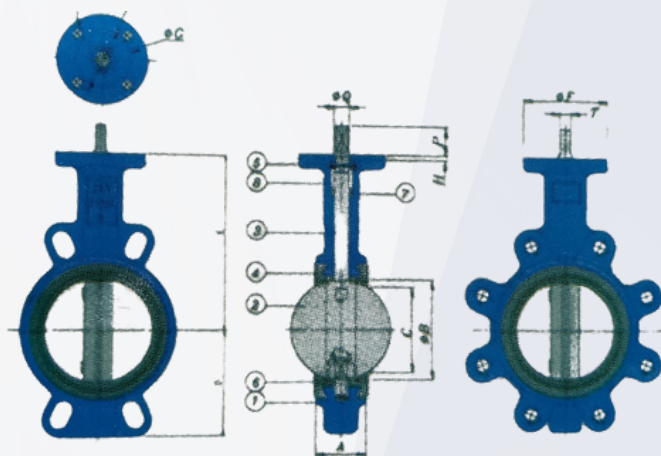
#### Shell Testing

The body strength can stand 200% of full rating (20 Bar)

# BUTTERFLY VALVE LEVER OPERATED

## Dimensions

| Valve Size |     | Dimensions (m/m) |     |     |     |     |     |     |    |     |     | Weight (kg) |          | Operating Torque (Nm) |     |
|------------|-----|------------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-------------|----------|-----------------------|-----|
| Inch       | m/m | A                | B   | C   | D   | E   | T   | U   | V  | Y   | W   | Wafer Type  | Lug Type | $\Delta P$ (bar)      |     |
| 2"         | 50  | 43               | 57  | 36  | 62  | 175 | 200 | 171 | 45 | 125 | 150 | 3.7         | 4.2      | 20                    | 25  |
| 2 1/2"     | 65  | 46               | 70  | 53  | 92  | 186 | 200 | 182 | 45 | 125 | 150 | 4.5         | 5.0      | 25                    | 30  |
| 3"         | 80  | 46               | 82  | 68  | 98  | 193 | 200 | 189 | 45 | 125 | 150 | 4.7         | 5.7      | 30                    | A   |
| 4"         | 100 | 52               | 104 | 90  | 113 | 213 | 260 | 209 | 45 | 125 | 150 | 6.5         | 8.8      | 40                    | 60  |
| 5"         | 125 | 56               | 127 | 114 | 127 | 228 | 260 | 224 | 45 | 125 | 150 | 8.5         | 10.5     | 60                    | 70  |
| 6"         | 150 | 56               | 150 | 139 | 141 | 242 | 260 | 238 | 45 | 125 | 150 | 9.4         | 11.6     | 70                    | 90  |
| 8"         | 200 | 60               | 194 | 185 | 172 | 278 | 355 | 273 | 71 | 230 | 250 | 16.3        | 20.3     | 160                   | 190 |
| 10"        | 250 | 68               | 247 | 238 | 210 | 323 | 355 | 318 | 71 | 230 | 250 | 24.0        | 29.3     | 240                   | 300 |
| 12"        | 300 | 78               | 297 | 287 | 242 | 346 | 355 | 341 | 71 | 230 | 250 | 35.3        | 46.3     | 400                   | 500 |



# BUTTERFLY VALVE LEVER OPERATED

## Components

|    |               |                 |                    |                                |
|----|---------------|-----------------|--------------------|--------------------------------|
| 8  | Upper Brush   | Delin           |                    |                                |
| 7  | O-Ring        | NBR (Nitrile)   |                    |                                |
| 6  | Bottom Bush   | Bronze or SS    | B62 OR SS          |                                |
| 5  | Retaining Pin | Stainless Steel | A182F304           |                                |
| 4  | Seat          | Viton           |                    | -18° ~ 204 °C (-0.4° ~ 400 °F) |
|    |               | Hypalon (CSM)   |                    | -20 ~ 135 °C (-0.4° ~ 275 °F)  |
|    |               | Silicon         |                    | -20 ~ 204 °C (-0.4° ~ 40 °F)   |
|    |               | Neoprene (CR)   |                    | 0 ~ 80 °C (32° ~ 176 °F)       |
|    |               | EPDM            |                    | -20° ~ 120 °C (-4° ~ 248 °F)   |
|    |               | NBR (Nitrile)   |                    | -10° ~ 80 °C (14° ~ 176 °F)    |
| 3  | Stem          | Stainless Steel | A182F316           |                                |
|    |               |                 | A182F304           |                                |
|    |               |                 | A182F410           |                                |
| 2  | Disc          | Bronze          | B62                |                                |
|    |               | Stainless Steel | A351 CF6M          |                                |
|    |               |                 | A351 CF8           |                                |
|    |               | Ductile Iron    | A-536-65-45-12     |                                |
| 1  | Body          | Ductile Iron    | A-536-65-45-12     |                                |
|    |               | Cast Iron       | A126-B             |                                |
| NO | Name          | Materials       | ASTM Specification | Remark                         |



## BUTTERFLY VALVE GEAR OPERATED

This valve controls the flow of medium in pipelines, allowing start, stop, or regulation.

Operated via a gear mechanism, it offers smooth disc adjustment with minimal effort and reliable sealing to prevent leakage or backflow.

### Features:

#### Flange Requirements

Either flat face or raised face, OKI Valves are designed to suit:

- ANSI 125/510
- BS 10 Table E
- DIN PN 10

#### Pressure Rating

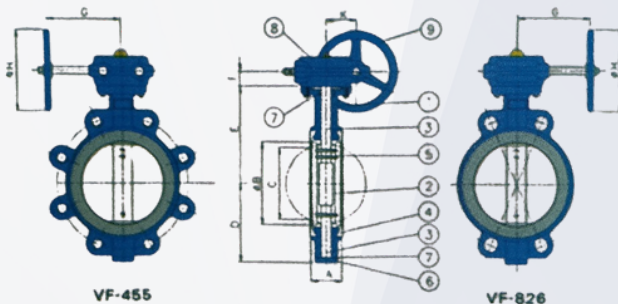
Bi-directional bubble-tight shut off to 10 Bar and tested to 110% of full rating

Working Pressure: 10 Bar (150 psi)

Test Pressure: 11 Bar (170 psi)

#### Shell Testing

The body hydraulic test can stand 200% of full rating (20 Bar)



# BUTTERFLY VALVE GEAR OPERATED

## Components

|    |              |                 |                    |                                |
|----|--------------|-----------------|--------------------|--------------------------------|
| 9  | HANDWHEEL    | CAST IRON       | A126-B             |                                |
| 8  | GEAR BOX     | CAST IRON       | A126-B             |                                |
| 7  | O-RING       | NBR (NITRILE)   |                    |                                |
| 6  | BOTTOM COVER | BRONZE OR SS    | B62 OR SS          |                                |
| 5  | TAPER PIN    | STAINLESS STEEL | A182F316           |                                |
| 4  | SEAT         | VITON           |                    | -18° ~ 204 °C (-0.4° ~ 176 °F) |
|    |              | HYPALON (CSM)   |                    | -20 ~ 135 °C (-0.4° ~ 275 °F)  |
|    |              | SILICON         |                    | -20 ~ 204 °C (-0.4° ~ 400 °F)  |
|    |              | NEOPRENE (CR)   |                    | 0 ~ 80 °C (32° ~ 176 °F)       |
|    |              | EPDM            |                    | -20° ~ 120 °C (-4° ~ 248 °F)   |
|    |              | NBR (NITRILE)   |                    | -10° ~ 80 °C (14° ~ 176 °F)    |
| 3  | STEM         | STAINLESS STEEL | A182F316           |                                |
|    |              |                 | A182F304           |                                |
|    |              |                 | A182F410           |                                |
| 2  | DISC         | BRONZE          | B62                |                                |
|    |              | STAINLESS STEEL | A351 CF6M          |                                |
|    |              |                 | A351 CF8           |                                |
|    |              | DUCTILE IRON    | A-536-65-45-12     |                                |
| 1  | BODY         | DUCTILE IRON    | A-536-65-45-12     |                                |
|    |              | CAST IRON       | A126-B             |                                |
| NO | NAME         | MATERIALS       | ASTM SPECIFICATION | REMARK                         |

# BUTTERFLY VALVE GEAR OPERATED

## Dimensions

| Valve Size |     | Dimensions (m/m) |     |     |     |     |    |     |     |     | Operating Torque (Nm) | Mounting Flange ISO 5211 | Weight (kga) |
|------------|-----|------------------|-----|-----|-----|-----|----|-----|-----|-----|-----------------------|--------------------------|--------------|
| Inch       | m/m | A                | ΦB  | C   | D   | E   | F  | K   | G   | ΦH  |                       |                          |              |
| 14"        | 350 | 78               | 332 | 325 | 272 | 325 | 40 | 95  | 290 | 350 | 830                   | F14                      | 63           |
| 16"        | 400 | 86               | 387 | 378 | 295 | 355 | 40 | 95  | 290 | 350 | 1110                  | F14                      | 75           |
| 18"        | 450 | 105              | 436 | 425 | 330 | 395 | 40 | 95  | 290 | 350 | 1390                  | F14                      | 95           |
| 20"        | 500 | 130              | 472 | 472 | 360 | 400 | 70 | 114 | 360 | 350 | 1730                  | F16                      | 140          |
| 24"        | 600 | 150              | 564 | 564 | 430 | 490 | 70 | 114 | 360 | 350 | 2020                  | F16                      | 220          |



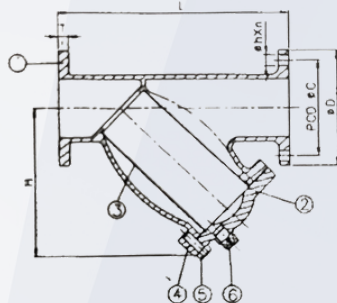
## Y-STRAINER FLANGED ENDS

Designed to protect pipelines and downstream equipment, this Y-strainer efficiently filters out debris from the flow of liquid or gas.

Ideal for start-up systems or continuous flow applications. Prevents clogging and damage by capturing particles.

### Components

|   |            |                 |                    |
|---|------------|-----------------|--------------------|
| 6 | DRAIN PLUG | BRONZE          | B62                |
| 5 | COVER BOLT | STEEL           | CARBON             |
| 4 | GASKET     | RUBBER          | SYNTHETIC RUBBER   |
| 3 | SCREEN     | STAINLESS STEEL | SS304              |
| 2 | COVER      | CAST IRON       | A126-B             |
| 1 | BODY       | CAST IRON       | A126-B             |
|   | PART NAME  | MATERIALS       | ASTM SPECIFICATION |



| Size | 50  | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L    | 242 | 267 | 306 | 378 | 441 | 535 | 573 | 664 | 772 |
| H    | 157 | 194 | 210 | 256 | 318 | 364 | 441 | 530 | 598 |

# Y-STRAINER FLANGED ENDS

| Size | 2"  | 2½" | 3"  | 4"  | 5"  | 6"  | 8"   | 10" | 12" |
|------|-----|-----|-----|-----|-----|-----|------|-----|-----|
| D    | 6   | 7   | 7 ½ | 9   | 10  | 11  | 13 ½ | 16  | 19  |
| C    | 4 ¾ | 5 ½ | 6   | 7 ½ | 8 ½ | 9 ½ | 11¾  | 14¼ | 17  |
| T    | 450 | 105 | 436 | 425 | 330 | 425 | 40   | 95  | 290 |
| h    | 500 | 130 | 472 | 472 | 360 | 472 | 70   | 1   | 1   |
| n    | 4   | 4   | 4   | 8   | 8   | 8   | 8    | 12  | 12  |

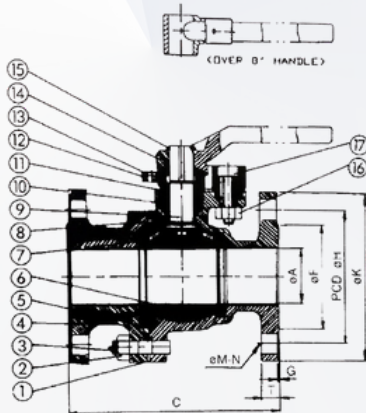
# 2 PC FULL BORE BALL VALVE FT



## Features:

- Face to face according to ANSI B 16.10
- Flange dimension to ANSI B 16.5
- Test Standard API 598

## Components



|    |               |                     |
|----|---------------|---------------------|
| 17 | GLAND BOLT    | ASTM A193 GR. B7    |
| 16 | GLAND NUT     | ASTM A194 GR. 2H    |
| 15 | SNAP RING     | ASTM A276 GR. 304   |
| 14 | HANDLE        | ASTM A570 Gr. FCD45 |
| 13 | STOPPER       | ASTM A276 GR. 304   |
| 12 | GLAND         | ASTM A351 GR. CF8   |
| 11 | BEARING       | PTFE                |
| 10 | PACKING       | PTFE                |
| 9  | STEM          | ASTM A276 GR. 304   |
| 8  | THRUST WASHER | PTFE                |
| 7  | SEAT          | REINFORCED TFE      |
| 6  | BALL          | ASTM A351 GR. CF8   |
| 5  | GASKET        | PTFE                |
| 4  | CAP           | ASTM A126 Gr. WCB   |
| 3  | BOLT          | ASTM A153 Gr. B7    |
| 2  | NUT           | ASTM A154 Gr. 2H    |
| 1  | BODY          | ASTM A126 Gr. WCB   |
| NO | NAME          | CAST IRON           |

# 2 PIECE FULL BORE BALL VALVE FT

Dimensions (ANSI #150 & #300) inches

| Size |     | A     | c     |       | F     | G   | H     |       | K     |       | T    |      | M    |      | N   |     |
|------|-----|-------|-------|-------|-------|-----|-------|-------|-------|-------|------|------|------|------|-----|-----|
| inch | MM  |       | 150   | 300   |       |     | 150   | 300   | 150   | 300   | 150  | 300  | 150  | 300  | 150 | 300 |
| ½"   | 15  | 12.7  | 107.9 | 139.7 | 35.0  | 1.6 | 60.4  | 66.5  | 88.9  | 95.2  | 11.1 | 14.2 | 15.7 | 15.7 | 4   | 4   |
| ¾"   | 20  | 19.0  | 117.3 | 152.7 | 42.9  | 1.6 | 59.8  | 82.5  | 98.5  | 117.3 | 11.1 | 15.7 | 15.7 | 19.0 | 4   | 4   |
| 1"   | 25  | 25.4  | 127.0 | 165.1 | 50.8  | 1.6 | 79.2  | 68.9  | 107.9 | 123.9 | 11.1 | 17.5 | 15.7 | 19.0 | 4   | 4   |
| 1¼"  | 32  | 31.7  | 139.7 | 177.8 | 63.5  | 1.6 | 88.9  | 98.5  | 117.3 | 133.3 | 12.7 | 19.0 | 15.7 | 19.0 | 4   | 4   |
| 1½"  | 40  | 38.1  | 185.1 | 190.5 | 73.1  | 1.6 |       | 114.3 | 127.0 | 155.4 | 14.2 | 20.5 | 15.7 | 19.0 | 4   | 4   |
| 2"   | 50  | 50.8  |       | 215.3 | 91.9  | 1.6 | 120.1 | 127.0 | 157.7 | 160.1 | 15.7 | 22.3 | 19.0 | 19.0 | 4   | 5   |
| 2½"  | 65  | 63.5  | 190.5 | 241.3 | 104.5 | 1.6 | 139.7 | 149.3 | 177.8 | 190.5 | 17.5 | 25.4 | 19.0 | 22.3 | 4   | 5   |
| 3"   | 90  | 76.2  | 203.2 | 282.4 | 127.0 | 1.6 | 152.4 | 168.1 | 100.5 | 200.5 | 19.0 | 28.4 | 19.0 | 22.3 | 4   | 8   |
| 4"   | 100 | 101.6 | 225.6 | 304.8 | 157.2 | 1.6 | 190.5 | 200.1 | 202.5 | 254.0 | 23.8 | 31.7 | 19.0 | 22.3 | 8   | 8   |
| 5"   | 125 | 127.0 | 355.6 | 381.0 | 185.6 | 1.6 | 215.9 | 234.9 | 254.0 | 279.4 | 23.8 | 35.0 | 22.3 | 22.3 | 8   | 8   |
| 6"   | 150 | 152.4 | 393.7 | 403.3 | 215.9 | 1.6 | 241.3 | 269.7 | 279.4 | 317.5 | 25.4 | 36.5 | 22.3 | 22.3 | 8   | 12  |
| 8"   | 200 | 203.2 | 457.2 | 501.6 | 269.7 | 1.6 | 293.4 | 330.2 | 342.9 | 381.0 | 28.4 | 41.1 | 22.3 | 22.3 | 8   | 12  |
| 10"  | 250 | 254.0 | 533.4 | 568.4 | 323.8 | 1.6 | 361.5 | 387.3 | 406.4 | 444.5 | 30.2 | 47.7 | 25.4 | 25.4 | 12  | 16  |

## 2 PIECE FULL BORE VALVE THREADED

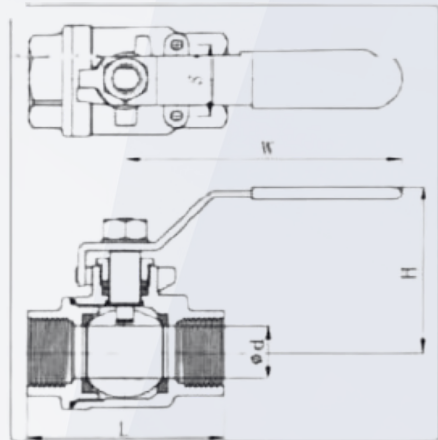


### Features:

- Thread ends conform to ASME B1.20.1 (NPT)
- Full Bore
- Blow-out proof stem
- 1000 psi W.O.G
- Latch lock handle (option)
- Mounting pad (option)

### Components

|    |               |                        |
|----|---------------|------------------------|
| 12 | HANDLE SLEEVE | VINYL                  |
| 11 | THRUST WASHER | PTFE                   |
| 10 | STEM PACKING  | PTFE                   |
| 9  | BODY SEAL     | PTFE                   |
| 8  | BALL SEAT     | R-PTFE                 |
| 7  | NUT & WASHER  | AISI 304               |
| 6  | GLAND NUT     | AISI 304               |
| 5  | HANDLE        | AISI 304               |
| 4  | STEM          | AISI 316               |
| 3  | BALL          | A351 GR. CFM8 (SS 316) |
| 2  | END CAP       | A351 GR. CFM8 (SS 316) |
| 1  | BODY          | A351 GR. CFM8 (SS 316) |
| NO | NAME          | MATERIAL               |



## 2 PIECE FULL BORE BALL VALVE NPT

- All dimension are in millimeter. (mm)
- CV is defined as the flow in GPM that a valve will carry with a pressure drop of 1 psi when liquid is water at 60 °F

| Size | ¼"   | ⅜"   | ½"   | ¾"   | 1"   | 1¼"  | 1½"  | 2"    | 2½" | 3"  | 4"  |
|------|------|------|------|------|------|------|------|-------|-----|-----|-----|
| Ød   | 11.6 | 12.7 | 15   | 20   | 25   | 32   | 38   | 50.8  | 65  | 80  | 100 |
| L    | 61.5 | 61.5 | 63.3 | 76.7 | 91   | 100  | 118  | 137.5 | 166 | 193 | 260 |
| H    | 48   | 48   | 49   | 55   | 69   | 77   | 84   | 93    | 138 | 149 | 155 |
| W    | 120  | 120  | 120  | 130  | 155  | 155  | 185  | 185   | 250 | 250 | 280 |
| S    | 28.5 | 28.5 | 28.5 | 34.8 | 34.8 | 38.1 | 38.1 | 38.1  | 65  | 65  | 65  |
| Cv   | 6    | 7    | 10   | 25   | 35   | 46   | 80   | 110   | 310 | 360 | 820 |

# STAINLESS STEEL BALL VALVE (1 PIECE) NPT



## Features:

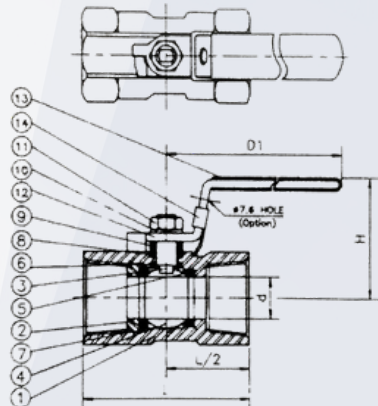
- For General Chemical and Industrial Services
- Pressure Rating: 800 PSI WOG (Non-Shock)
- Steam Rating : 150 PSI WSP
- Temperature Range: -29 °C - +200 °C

## Components

|    |               |                    |
|----|---------------|--------------------|
| 14 | LOCKING PLATE | SS304              |
| 13 | HANDLE SLEEVE | VINLY GRIP         |
| 12 | HANDLE NUT    | SS304              |
| 11 | WASHER        | SS304              |
| 10 | HANDLE        | SS304              |
| 9  | GLAND         | SS304              |
| 8  | PACKINGS      | PTFE               |
| 7  | THRUST WASHER | PTFE               |
| 6  | CAP SEAT      | PTFE               |
| 5  | STEM          | SS316              |
| 4  | BALL SEAT     | PTFE               |
| 3  | BALL          | ASTM A351 GR. CF8M |
| 2  | CAP           | SS316              |
| 1  | BODY          | ASTM A351 GR. CF8M |
| NO | NAME          | SPECIFICATION      |

## Specifications

- Investment Cast Body & End Cap
- End Type: Threaded BSP or NPT
- Bottom loaded Blow-Out Proof Stem
- Adjustable Stem Packing
- Stainless Steel Handle with Vinyl Grip
- Option: Locking Device

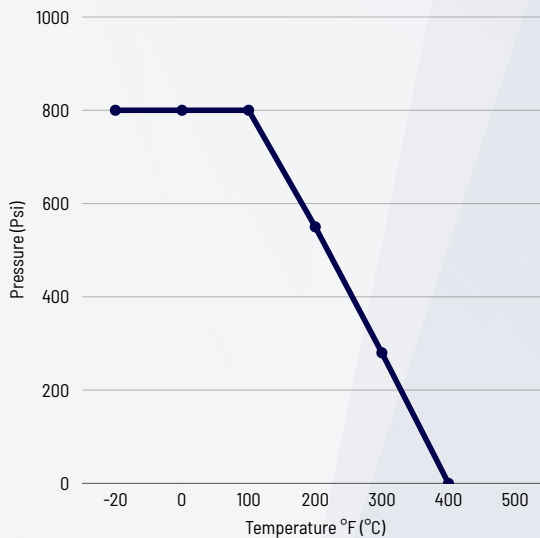


# 1 PIECE BALL VALVE NPT

## Dimensions (mm)

| Size | d    | L     | H  | D1  | Cv Factor |
|------|------|-------|----|-----|-----------|
| ¼    | 5.0  | 39.0  | 36 | 63  | 1.0       |
| ⅜    | 7.0  | 44.5  | 37 | 74  | 2.5       |
| ½    | 9.2  | 56.5  | 44 | 91  | 5.1       |
| ¾    | 12.5 | 58.5  | 47 | 91  | 100       |
| 1"   | 15.0 | 71.2  | 51 | 106 | 155       |
| 1¼"  | 20.0 | 78.5  | 54 | 106 | 200       |
| 1½"  | 25.0 | 83.5  | 67 | 129 | 370       |
| 2    | 32.0 | 100.0 | 72 | 129 | 600       |

## Pressure Temperature Ratings





**GATE**



**CHECK**



**BALL**



**Y-STRAINER**



**GLOBE**

## STANDARDS:

ASTM A105 , API, ASME, AND ANSI B16.5

- size: 1/4" - 48"
- Thickness: Class 150 -2,500
- All Items will have an accompanying Mill Test Certificate upon request

## APPLICATIONS:

- Industrial
- Residential
- Petrochemical Plants
- Oil & Gas
- Refineries
- Sugar Mills
- Energy
- Construction & Infrastructure
- Chemicals
- Machineries
- Boilers
- Food & Beverage
- Shipping
- Desalination Plant
- Power Plants
- Automotive & Transport
- High-Pressure Vessel

## WHY CHOOSE US?

### 1 RELIABLE

Since 1961, We have been a trusted vendor for some of the Philippines' biggest companies across sectors in Oil Refinery, Petroleum, Geothermal, LNG, LPG, Power/Energy, Chemical, Sugar Mill, Food/Beverage, Distillery & International Sub-Contractors.

### 2 COMPETITIVE PRICING

As a Direct Importer, Wholesaler, Retailer, Stockist, and Exclusive Agent, we can offer our clients the most competitive of prices in an ever changing market.

### 3 QUALITY PRODUCTS

We carry a wide range of materials that conforms to various International Standards such as ASME, ANSI, WRAS, BSI, and ULFM.



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