

## GLOBE VALVE: THREADED

Stainless Steel

### FEATURES

- ◆ 200WOG globe valve
- ◆ Working pressure: 200PSI
- ◆ Rising stem
- ◆ Disc: ASTM A351 CF8M
- ◆ Body: ASTM A351 CF8M
- ◆ Seat: 316SS
- ◆ Threaded bonnet
- ◆ Adjustable stem packing
- ◆ NPT threaded end connections
- ◆ Temperature range: -58°F to 350°F (-50°C to 176°C)
- ◆ Test standard: API 598
- ◆ Open/close position indicator

### OPTION

- ◆ Padlocking device
- ◆ Graduated open/close position indicator



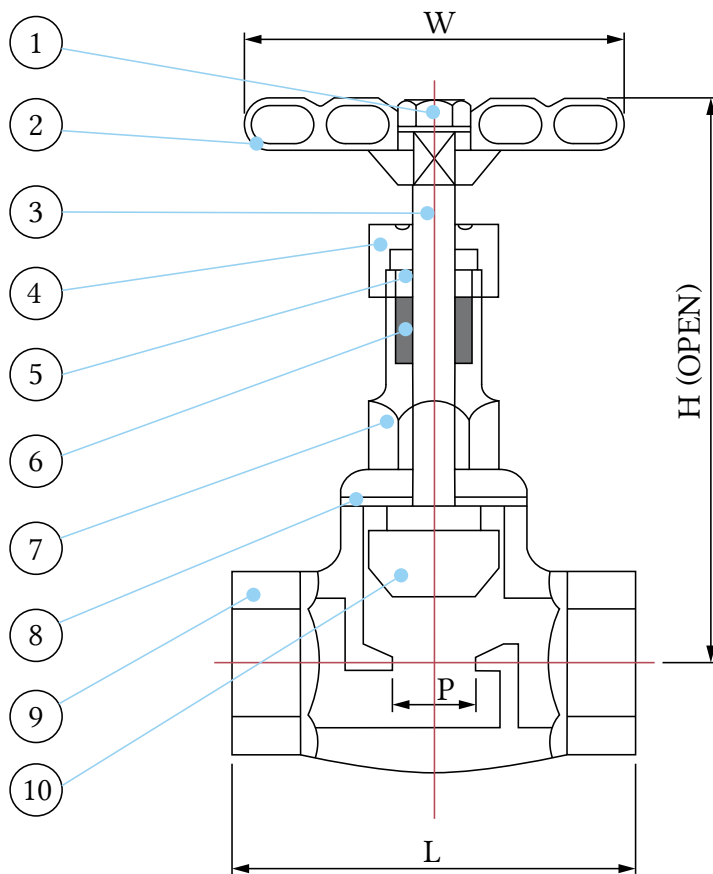
# GLOBE VALVE: THREADED

Stainless Steel

| DIMENSIONS |    |       |     |       |      |      |
|------------|----|-------|-----|-------|------|------|
| SIZE       | P  | W     | H   | L     | CV   | WT   |
| ¼"         | 10 | 60    | 102 | 52    | 1    | 0.73 |
| ⅜"         | 12 | 60    | 102 | 52    | 1.5  | 0.68 |
| ½"         | 12 | 70    | 95  | 66    | 2.5  | 0.93 |
| ¾"         | 15 | 70    | 99  | 68.5  | 5.6  | 1    |
| 1"         | 20 | 76.5  | 102 | 78.3  | 10.5 | 1.37 |
| 1 ¼"       | 25 | 103.5 | 126 | 86    | 17   | 2.31 |
| 1 ½"       | 33 | 103.5 | 136 | 98    | 25   | 3    |
| 2"         | 40 | 121   | 156 | 110.5 | 46   | 4.63 |

\* All dimensions recorded in millimeters

| MATERIALS LIST |               |                 |     |
|----------------|---------------|-----------------|-----|
| No             | PART          | MATERIAL        | QTY |
| 1              | NUT           | 304SS           | 1   |
| 2              | HANDWHEEL     | 400SS           | 1   |
| 3              | STEM          | ASTM A276 316SS | 1   |
| 4              | GLAND NUT     | ASTM A351 CF8M  | 1   |
| 5              | GLAND         | ASTM A351 CF8M  | 1   |
| 6              | GLAND PACKING | PTFE            | 1   |
| 7              | BONNET        | ASTM A351 CF8M  | 1   |
| 8              | GASKET        | PTFE            | 1   |
| 9              | BODY          | ASTM A351 CF8M  | 1   |
| 10             | DISC          | ASTM A351 CF8M  | 1   |



# THERMOFLEX

Thermoflex 2136 Rue Léger, LaSalle, Québec, H8N 2L8, Canada

☎ 1-888-352-3414 514-367-1444 🖨 514-367-3193

✉ thermoflex@bellnet.ca 🌐 thermoflex.ca

## GLOBE VALVE: THREADED X FLANGED (B16.5)

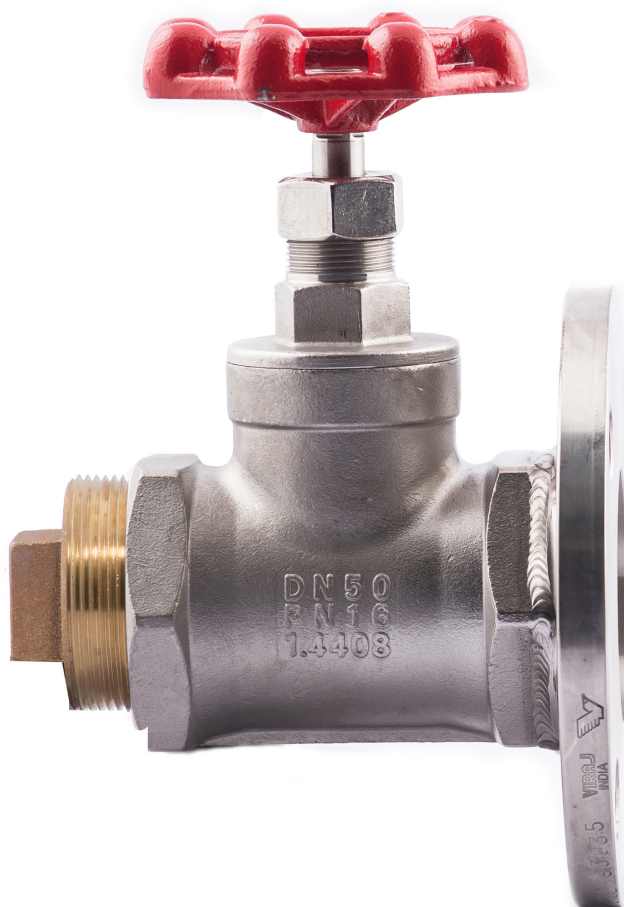
Stainless Steel

### FEATURES

- ◆ 200WOG globe valve
- ◆ Working pressure: 200PSI\*
- ◆ Rising stem
- ◆ Disc: ASTM A351 CF8M
- ◆ Body: ASTM A351 CF8M
- ◆ Seat: 316SS
- ◆ Threaded bonnet
- ◆ Flange: 316SS Class 150 ANSI B16.5
- ◆ Square-head pipe plug: brass
- ◆ Adjustable stem packing
- ◆ Temperature range: -58°F to 350°F  
(-50°C to 176°C)
- ◆ Test standard: API 598
- ◆ Open/close position indicator

### OPTION

- ◆ Square-head pipe plug:  
available in 304SS/316SS
- ◆ Flange: available in 304SS
- ◆ Padlocking device
- ◆ Graduated open/close  
position indicator



\* Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.

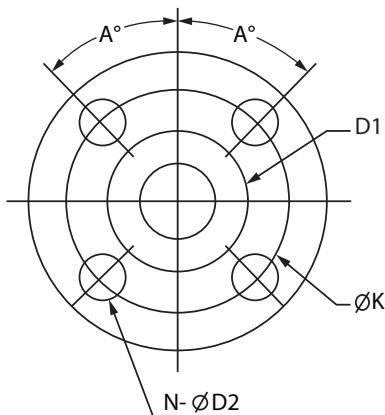
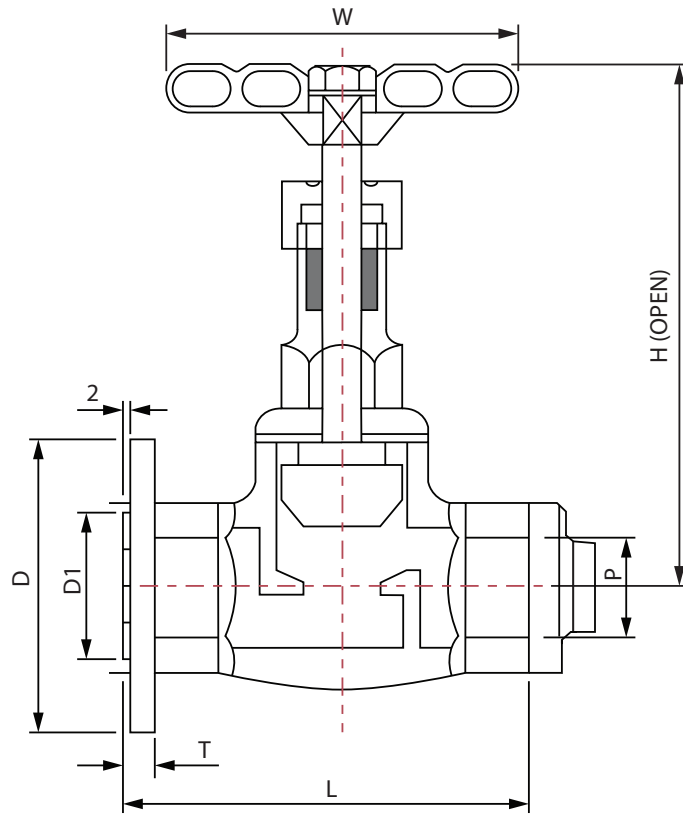
# GLOBE VALVE: THREADED X FLANGED (B16.5)

Stainless Steel

| DIMENSIONS |       |       |       |      |     |   |    |          |       |      |    |
|------------|-------|-------|-------|------|-----|---|----|----------|-------|------|----|
| SIZE       | L+/-5 | D     | K     | D1   | H   | N | D2 | P        | W     | T    | a  |
| ½"         | 77    | 89    | 60.4  | 35   | 66  | 4 | 16 | NPT ½"   | 70    | 11.2 | 45 |
| ¾"         | 81    | 98.5  | 70    | 42.9 | 99  | 4 | 16 | NPT ¾"   | 70    | 12.7 | 45 |
| 1"         | 92.5  | 108   | 79    | 50.8 | 102 | 4 | 16 | NPT 1"   | 76.5  | 14.2 | 45 |
| 1 ½"       | 115   | 127   | 99    | 73.1 | 136 | 4 | 16 | NPT 1 ½" | 103.5 | 17.2 | 45 |
| 2"         | 130   | 152.4 | 120.6 | 92   | 156 | 4 | 19 | NPT 2"   | 121   | 19   | 45 |

\* All dimensions recorded in millimeters

| MATERIALS LIST |               |                 |     |
|----------------|---------------|-----------------|-----|
| No             | PART          | MATERIAL        | QTY |
| 1              | NUT           | 304SS           | 1   |
| 2              | HANDWHEEL     | 400SS           | 1   |
| 3              | STEM          | ASTM A276 316SS | 1   |
| 4              | GLAND NUT     | ASTM A351 CF8M  | 1   |
| 5              | GLAND         | ASTM A351 CF8M  | 1   |
| 6              | GLAND PACKING | PTFE            | 1   |
| 7              | BONNET        | ASTM A351 CF8M  | 1   |
| 8              | GASKET        | PTFE            | 1   |
| 9              | BODY          | ASTM A351 CF8M  | 1   |
| 10             | DISC          | ASTM A351 CF8M  | 1   |
| 11             | PIPE PLUG     | BRASS           | 1   |
| 12             | FLANGE        | 316SS           | 1   |



Holes applied evenly,  
symmetrically to the axis.

# THERMOFLEX

Thermoflex 2136 Rue Léger, LaSalle, Québec, H8N 2L8, Canada

☎ 1-888-352-3414 514-367-1444 🖨 514-367-3193

✉ thermoflex@bellnet.ca 🌐 thermoflex.ca

## GLOBE VALVE: THREADED X FLANGED (B16.24)

Stainless Steel

### FEATURES

- ◆ 200WOG globe valve
- ◆ Working pressure: 200PSI\*
- ◆ Rising stem
- ◆ Disc: ASTM A351 CF8M
- ◆ Body: ASTM A351 CF8M
- ◆ Seat: 316SS
- ◆ Threaded bonnet
- ◆ Flange: 316SS Class 150 ANSI B16.24
- ◆ Square-head pipe plug: brass
- ◆ Adjustable stem packing
- ◆ Temperature range: -58°F to 350°F  
(-50°C to 176°C)
- ◆ Test standard: API 598
- ◆ Open/close position indicator

### OPTION

- ◆ Square-head pipe plug:  
available in 304SS/316SS
- ◆ Flange: available in 304SS
- ◆ Padlocking device
- ◆ Graduated open/close  
position indicator



\* Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.

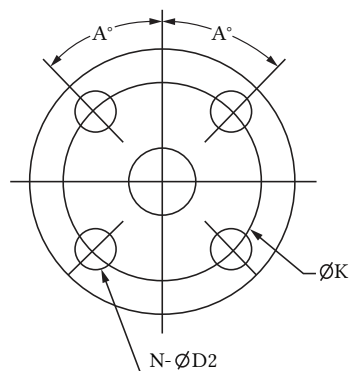
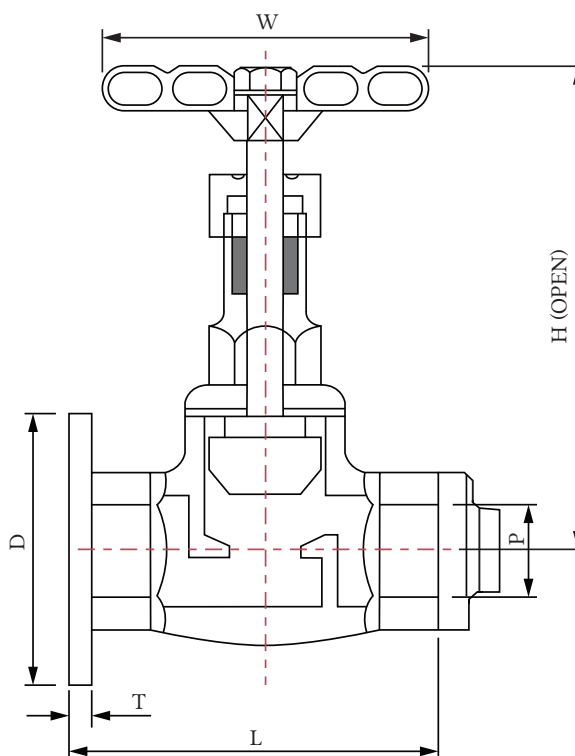
# GLOBE VALVE: THREADED X FLANGED (B16.24)

Stainless Steel

| DIMENSIONS |       |       |       |     |   |    |          |       |       |    |
|------------|-------|-------|-------|-----|---|----|----------|-------|-------|----|
| SIZE       | L+/-5 | D     | K     | H   | N | D2 | P        | W     | T min | a  |
| ½"         | 74    | 89    | 60.4  | 66  | 4 | 16 | NPT ½"   | 70    | 8     | 45 |
| ¾"         | 77    | 98.5  | 70    | 99  | 4 | 16 | NPT ¾"   | 70    | 8.75  | 45 |
| 1"         | 88    | 108   | 79    | 102 | 4 | 16 | NPT 1"   | 76.5  | 9.5   | 45 |
| 1 ½"       | 109   | 127   | 99    | 136 | 4 | 16 | NPT 1 ½" | 103.5 | 11    | 45 |
| 2"         | 124   | 152.4 | 120.6 | 156 | 4 | 19 | NPT 2"   | 121   | 12.75 | 45 |

\* All dimensions recorded in millimeters

| MATERIALS LIST |               |                 |     |
|----------------|---------------|-----------------|-----|
| No             | PART          | MATERIAL        | QTY |
| 1              | NUT           | 304SS           | 1   |
| 2              | HANDWHEEL     | 400SS           | 1   |
| 3              | STEM          | ASTM A276 316SS | 1   |
| 4              | GLAND NUT     | ASTM A351 CF8M  | 1   |
| 5              | GLAND         | ASTM A351 CF8M  | 1   |
| 6              | GLAND PACKING | PTFE            | 1   |
| 7              | BONNET        | ASTM A351 CF8M  | 1   |
| 8              | GASKET        | PTFE            | 1   |
| 9              | BODY          | ASTM A351 CF8M  | 1   |
| 10             | DISC          | ASTM A351 CF8M  | 1   |
| 11             | PIPE PLUG     | BRASS           | 1   |
| 12             | FLANGE        | 316SS           | 1   |



Holes applied evenly,  
symmetrically to the axis.

# THERMOFLEX

Thermoflex 2136 Rue Léger, LaSalle, Québec, H8N 2L8, Canada

1-888-352-3414 514-367-1444 514-367-3193

thermoflex@bellnet.ca thermoflex.ca

## GLOBE VALVE: THREADED X FLANGED (B16.5) SAMPLER

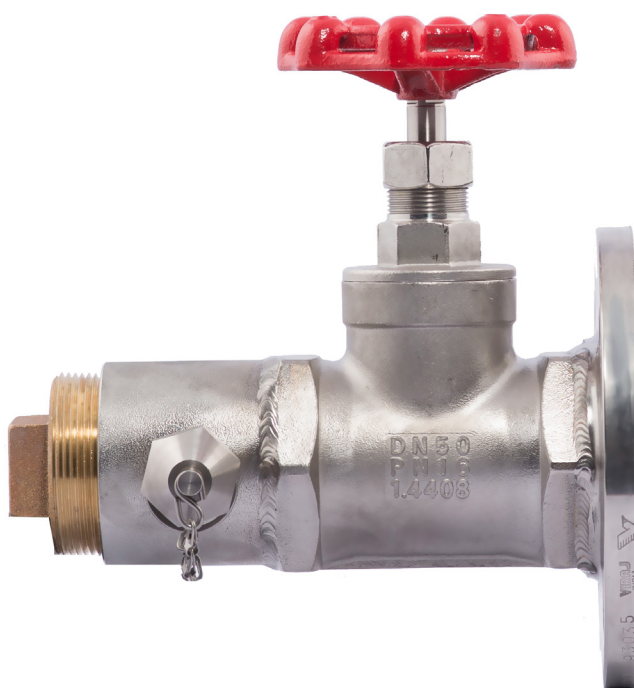
Stainless Steel

### FEATURES

- ◆ 200WOG globe valve
- ◆ Working pressure: 200PSI\*
- ◆ Rising stem
- ◆ Disc: ASTM A351 CF8M
- ◆ Body: ASTM A351 CF8M
- ◆ Seat: 316SS
- ◆ Threaded bonnet
- ◆ Flange: 316SS Class 150 ANSI B16.5
- ◆ Sampler: 3/8" 304SS
- ◆ Square-head pipe plug: brass
- ◆ Adjustable stem packing
- ◆ Temperature range: -58°F to 350°F  
(-50°C to 176°C)
- ◆ Test standard: API 598
- ◆ Open/close position indicator

### OPTION

- ◆ Square-head pipe plug:  
available in 304SS/316SS
- ◆ Flange: available in 304SS
- ◆ Padlocking device
- ◆ Graduated open/close  
position indicator



\* Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.



# GLOBE VALVE: THREADED X FLANGED (B16.5) SAMPLER

Stainless Steel

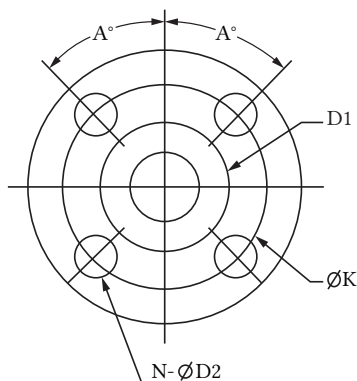
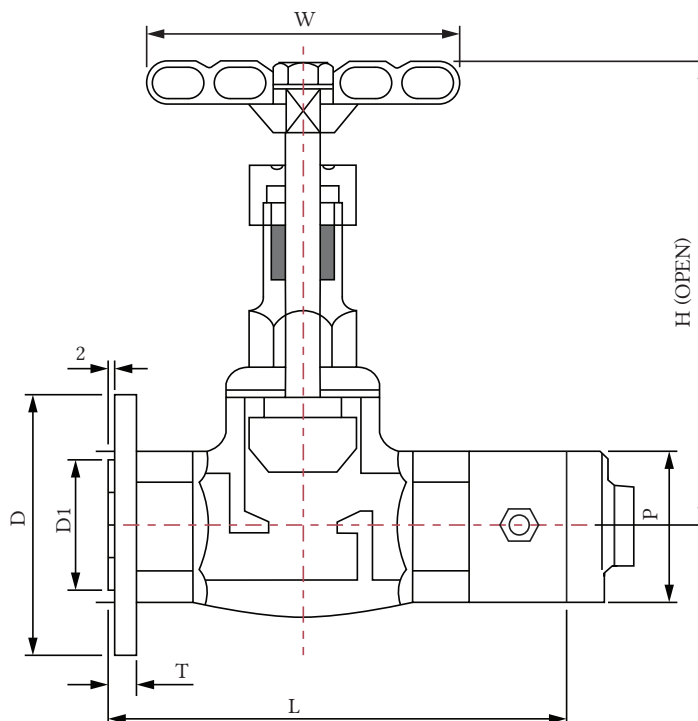
## DIMENSIONS

| SIZE   | L+/-5 | D     | K     | D1   | H   | N | D2 | P          | W     | T    | a  |
|--------|-------|-------|-------|------|-----|---|----|------------|-------|------|----|
| 1"     | 136.5 | 108   | 79    | 50.8 | 102 | 4 | 16 | NPT 1"     | 76.5  | 14.2 | 45 |
| 1 1/2" | 164   | 127   | 99    | 73.1 | 136 | 4 | 16 | NPT 1 1/2" | 103.5 | 17.2 | 45 |
| 2"     | 187   | 152.4 | 120.6 | 92   | 156 | 4 | 19 | NPT 2"     | 121   | 19   | 45 |

\* All dimensions recorded in millimeters

## MATERIALS LIST

| No | PART          | MATERIAL        | QTY |
|----|---------------|-----------------|-----|
| 1  | NUT           | 304SS           | 1   |
| 2  | HANDWHEEL     | 400SS           | 1   |
| 3  | STEM          | ASTM A276 316SS | 1   |
| 4  | GLAND NUT     | ASTM A351 CF8M  | 1   |
| 5  | GLAND         | ASTM A351 CF8M  | 1   |
| 6  | GLAND PACKING | PTFE            | 1   |
| 7  | BONNET        | ASTM A351 CF8M  | 1   |
| 8  | GASKET        | PTFE            | 1   |
| 9  | BODY          | ASTM A351 CF8M  | 1   |
| 10 | DISC          | ASTM A351 CF8M  | 1   |
| 11 | PIPE PLUG     | BRASS           | 1   |
| 12 | FLANGE        | 316SS           | 1   |
| 13 | SAMPLER       | 304SS           | 1   |
| 14 | EXTENSION     | 316SS           | 1   |



Holes applied evenly,  
symmetrically to the axis.

# THERMOFLEX

Thermoflex 2136 Rue Léger, LaSalle, Québec, H8N 2L8, Canada

1-888-352-3414 514-367-1444 514-367-3193

thermoflex@bellnet.ca thermoflex.ca



## **GLOBE VALVE: THREADED X FLANGED (B16.24) SAMPLER**

Stainless Steel

### **FEATURES**

- ◆ 200WOG globe valve
- ◆ Working pressure: 200PSI\*
- ◆ Rising stem
- ◆ Disc: ASTM A351 CF8M
- ◆ Body: ASTM A351 CF8M
- ◆ Seat: 316SS
- ◆ Threaded bonnet
- ◆ Flange: 316SS Class 150 ANSI B16.24
- ◆ Sampler: 3/8" 304SS
- ◆ Square-head pipe plug: brass
- ◆ Adjustable stem packing
- ◆ Temperature range: -58°F to 350°F  
(-50°C to 176°C)
- ◆ Test standard: API 598
- ◆ Open/close position indicator



### **OPTION**

- ◆ Square-head pipe plug:  
available in 304SS/316SS
- ◆ Flange: available in 304SS
- ◆ Padlocking device
- ◆ Graduated open/close  
position indicator

*\* Flanged assemblies: the pressure capacity of valve and flange assembly is restricted to the flange and not the valve.*

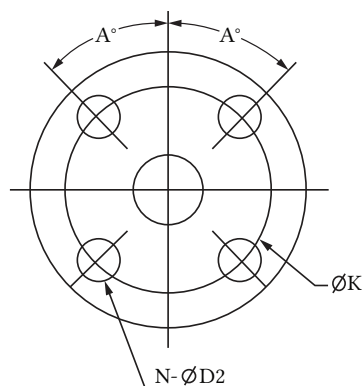
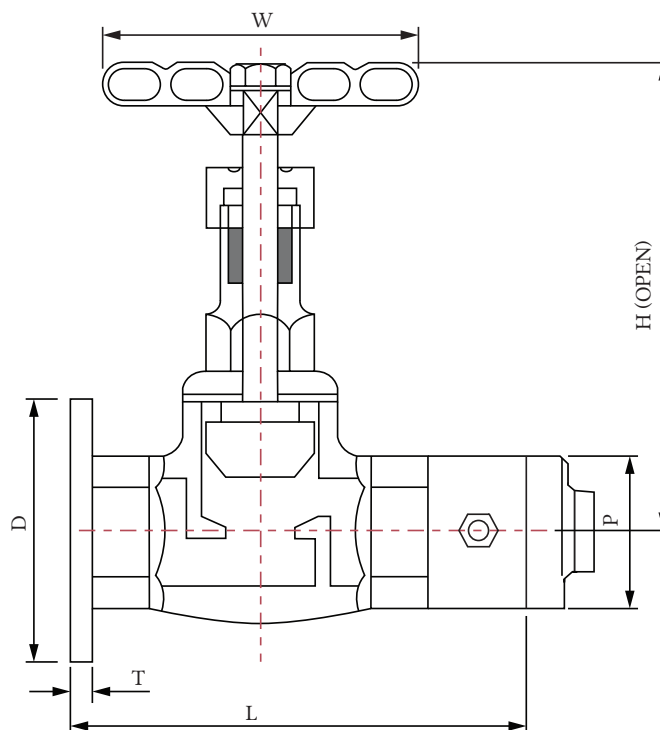
# GLOBE VALVE: THREADED X FLANGED (B16.24) SAMPLER

Stainless Steel

| DIMENSIONS |       |       |       |     |   |    |            |       |       |    |
|------------|-------|-------|-------|-----|---|----|------------|-------|-------|----|
| SIZE       | L+/-5 | D     | K     | H   | N | D2 | P          | W     | T     | a  |
| 1"         | 132   | 108   | 79    | 102 | 4 | 16 | NPT 1"     | 76.5  | 9.5   | 45 |
| 1 1/2"     | 158   | 127   | 99    | 136 | 4 | 16 | NPT 1 1/2" | 103.5 | 11    | 45 |
| 2"         | 181   | 152.4 | 120.6 | 156 | 4 | 19 | NPT 2"     | 121   | 12.75 | 45 |

\* All dimensions recorded in millimeters

| MATERIALS LIST |               |                 |     |
|----------------|---------------|-----------------|-----|
| No             | PART          | MATERIAL        | QTY |
| 1              | NUT           | 304SS           | 1   |
| 2              | HANDWHEEL     | 400SS           | 1   |
| 3              | STEM          | ASTM A276 316SS | 1   |
| 4              | GLAND NUT     | ASTM A351 CF8M  | 1   |
| 5              | GLAND         | ASTM A351 CF8M  | 1   |
| 6              | GLAND PACKING | PTFE            | 1   |
| 7              | BONNET        | ASTM A351 CF8M  | 1   |
| 8              | GASKET        | PTFE            | 1   |
| 9              | BODY          | ASTM A351 CF8M  | 1   |
| 10             | DISC          | ASTM A351 CF8M  | 1   |
| 11             | PIPE PLUG     | BRASS           | 1   |
| 12             | FLANGE        | 316SS           | 1   |
| 13             | SAMPLER       | 304SS           | 1   |
| 14             | EXTENSION     | 316SS           | 1   |



Holes applied evenly, symmetrically to the axis.

# THERMOFLEX

Thermoflex 2136 Rue Léger, LaSalle, Québec, H8N 2L8, Canada

1-888-352-3414 514-367-1444 514-367-3193

thermoflex@bellnet.ca thermoflex.ca

## **GLOBE VALVE: FLANGED X FLANGED – CLASS 150 (B16.5/B16.10)**

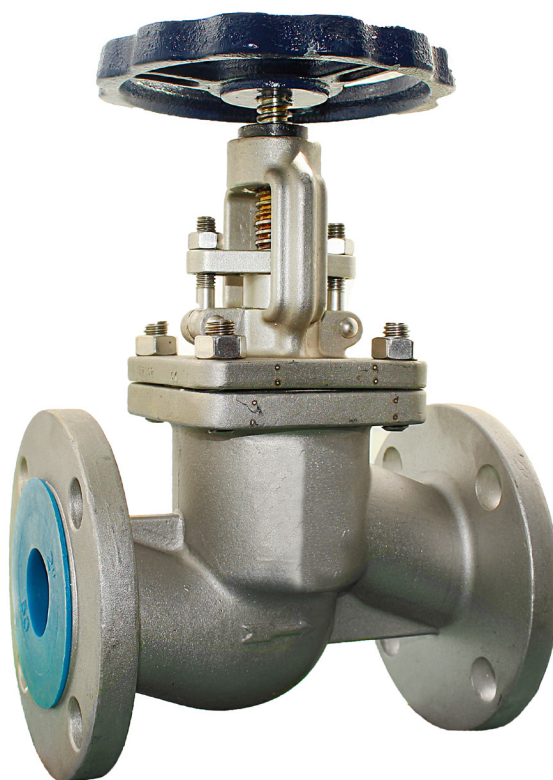
Stainless Steel

### **FEATURES**

- ◆ Class 150 globe valve
- ◆ Steam rating: 125PSI WSP
- ◆ Rising stem OS&Y
- ◆ Disc: ASTM A351 CF8M
- ◆ Body: ASTM A351 CF8M
- ◆ Stem: 316SS
- ◆ Packing: PTFE
- ◆ Temperature range: -58°F to 450°F  
(-50°C to 232°C)
- ◆ Test standard: API 598
- ◆ Face to face: ANSI B16.10
- ◆ Flange: Class 150 ANSI B16.5
- ◆ Open/close position indicator
- ◆ NACE MR-0175 full compliance

### **OPTION**

- ◆ Padlocking device
- ◆ Graduated open/close  
position indicator
- ◆ Class 300



These valves are also available in cast steel; dimensions can be specified in Metric, U.S. Standard or JIS.

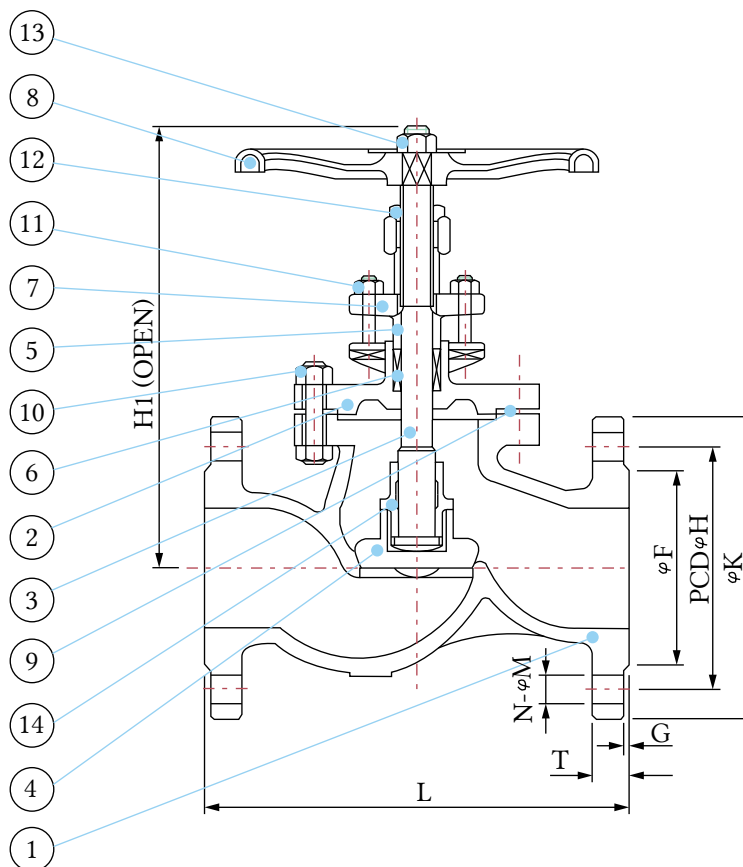
# GLOBE VALVE: FLANGED X FLANGED – CLASS 150 (B16.5/B16.10)

Stainless Steel

| DIMENSIONS |     |     |     |       |       |     |      |     |      |    |      |       |
|------------|-----|-----|-----|-------|-------|-----|------|-----|------|----|------|-------|
| SIZE       | d   | L   | H1  | K     | H     | F   | T    | G   | M    | N  | CV   | WT    |
| ½"         | 15  | 108 | 172 | 89    | 60.5  | 35  | 11.2 | 1.6 | 15.7 | 4  | 5    | 6.5   |
| ¾"         | 20  | 117 | 172 | 98.5  | 70    | 43  | 11.2 | 1.6 | 15.7 | 4  | 8.5  | 7.75  |
| 1"         | 25  | 127 | 175 | 108   | 79.5  | 51  | 11.2 | 1.6 | 15.7 | 4  | 11   | 9.75  |
| 1 ¼"       | 32  | 140 | 223 | 117.5 | 89    | 64  | 12.7 | 1.6 | 15.7 | 4  | 16   | 15    |
| 1 ½"       | 40  | 165 | 207 | 127   | 98.5  | 73  | 14.3 | 1.6 | 15.7 | 4  | 19   | 17.5  |
| 2"         | 50  | 203 | 232 | 152.5 | 120.5 | 92  | 15.9 | 1.6 | 19   | 4  | 32   | 25    |
| 2 ½"       | 65  | 216 | 273 | 178   | 139.5 | 105 | 17.5 | 1.6 | 19   | 4  | 48   | 37.5  |
| 3"         | 80  | 241 | 303 | 190.5 | 152.5 | 127 | 19.1 | 1.6 | 19   | 4  | 80   | 45    |
| 4"         | 100 | 292 | 340 | 229   | 190.5 | 157 | 23.9 | 1.6 | 19   | 8  | 110  | 68.25 |
| 5"         | 125 | 356 | 385 | 254   | 216.5 | 186 | 23.9 | 1.6 | 22.3 | 8  | 190  | 99    |
| 6"         | 150 | 406 | 448 | 279.5 | 241.5 | 216 | 25.4 | 1.6 | 22.3 | 8  | 450  | 132   |
| 8"         | 200 | 495 | 545 | 343   | 298.5 | 270 | 28.6 | 1.6 | 22.3 | 8  | 800  | 220   |
| 10"        | 250 | 622 | 666 | 406.5 | 362   | 324 | 30.2 | 1.6 | 25.4 | 12 | 1200 | 380   |

\* All dimensions recorded in millimeters

| MATERIALS LIST |                           |                                |      |
|----------------|---------------------------|--------------------------------|------|
| No             | PART                      | MATERIAL                       | QTY  |
| 1              | BODY                      | ASTM A351 CF8M                 | 1    |
| 2              | BONNET                    | ASTM A351 CF8M                 | 1    |
| 3              | STEM                      | ASTM A276 316                  | 1    |
| 4              | DISC                      | ASTM A351 CF8M                 | 1    |
| 5              | GLAND                     | ASTM A351 CF8M                 | 1    |
| 6              | GLAND PACKING             | PTFE                           | 1    |
| 7              | GLAND FLANGE              | ASTM A351 CF8M                 | 1    |
| 8              | HAND WHEEL                | ASTM A536 B65-45-12            | 1    |
| 9              | GASKET                    | PTFE                           | 1    |
| 10             | BONNET BOLT/NUT           | ASTM A193 B8/<br>ASTM A194 GR8 | 4-16 |
| 11             | GLAND BOLT/NUT            | ASTM A193 B8/<br>ASTM A194 GR8 | 2    |
| 12             | YOKE SLEEVE               | BRONZE                         | 1    |
| 13             | HAND WHEEL NUT            | STEEL                          | 1    |
| 14             | DISC GLAND                | 316SS                          | 1    |
| 15             | LOCKING DEVICE<br>OPTION* | 304SS                          | 1    |



# THERMOFLEX

Thermoflex 2136 Rue Léger, LaSalle, Québec, H8N 2L8, Canada

1-888-352-3414 514-367-1444 514-367-3193

thermoflex@bellnet.ca thermoflex.ca