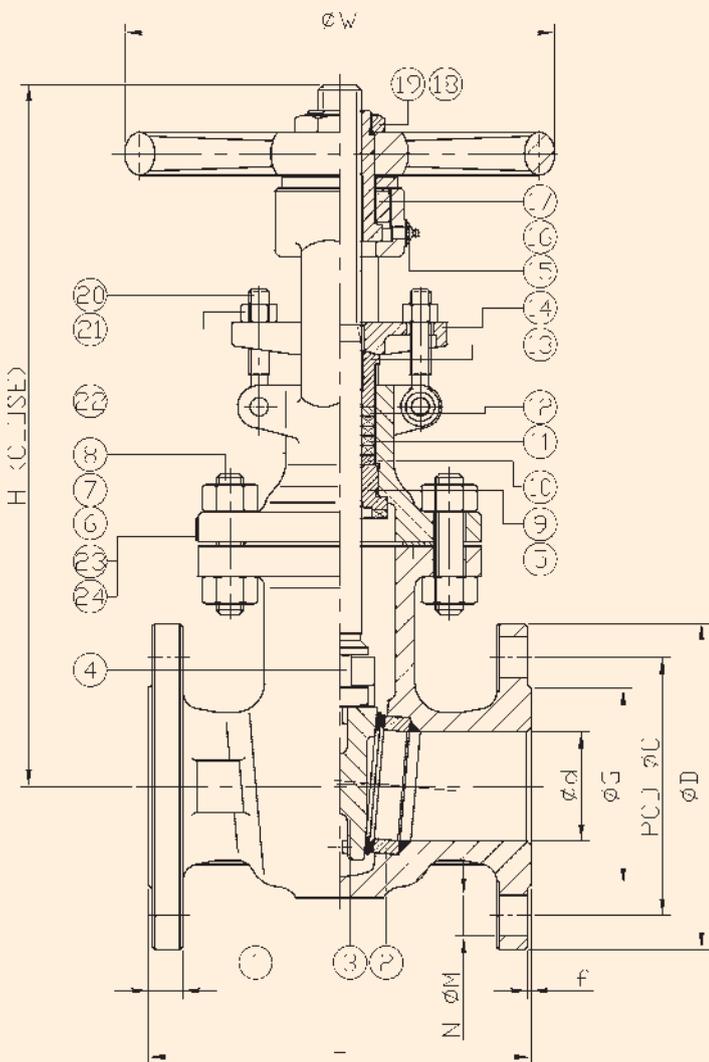


OVC# CS150GT

Class 150 Carbon Steel Gate Valve

Features

- Face to face dimensions: ASME B16.10
- Flange end dimensions: ASME B16.5
- Test: API 598
- Design: API 600



| NO. | DESCRIPTION | MATERIAL |
|-----|----------------|--------------------|
| 1 | BODY | ASTM A216-WCB |
| 2 | SEAT RING | ASTM A105+STL#6 |
| 3 | WEDGE | ASTM A216-WCB+Cr13 |
| 4 | STEM | ASTM A182-F6a |
| 5 | GASKET | SS 304 + GRAPHITE |
| 6 | BONNET | ASTM A216-WCB |
| 7 | NUT | ASTM A194-2H |
| 8 | STUD | ASTM A193-B7 |
| 9 | BACK SEAT | ASTM A276-410 |
| 10 | PACKING A | GRAPHITE |
| 11 | PACKING B | GRAPHITE |
| 12 | PACKING C | GRAPHITE |
| 13 | GLAND | ASTM A276-410 |
| 14 | GLAND FLANGE | ASTM A216-WCB |
| 15 | GREASE FITTING | CARBON STEEL |
| 16 | STEM BUSHING | ASTM A439 D-2 |
| 17 | RETAINING NUT | ASTM A29-1025 |
| 18 | HANDWHEEL | DUCTILE IRON |
| 19 | NUT | ASTM A29-1025 |
| 20 | EYE BOLT | ASTM A193-B7 |
| 21 | NUT | ASTM A194-2H |
| 22 | PIN | ASTM A29-1025 |
| 23 | NAMEPLATE | SS 304 |
| 24 | RIVET | SS 304 |

| NPS | d | G | C | D | L | H | W | T | f | M | N | Weight (lb) |
|--------|-----|-------|-------|-------|------|-------|-------|------|------|------|----|-------------|
| 2" | 2 | 3.62 | 4.74 | 5.98 | 7 | 12.68 | 7.87 | 0.63 | 0.06 | 0.75 | 4 | 44.1 |
| 2-1/2" | 2.5 | 4.13 | 5.49 | 7.01 | 7.5 | 13.94 | 7.87 | 0.71 | 0.06 | 0.75 | 4 | 72.8 |
| 3" | 3 | 5 | 6 | 7.48 | 8 | 15.39 | 9.84 | 0.75 | 0.06 | 0.75 | 4 | 79.4 |
| 4" | 4 | 6.18 | 7.5 | 9.02 | 9 | 18.31 | 9.84 | 0.94 | 0.06 | 0.75 | 8 | 116.8 |
| 5" | 5 | 7.32 | 8.5 | 10 | 10 | 20.28 | 11.81 | 0.98 | 0.06 | 0.75 | 8 | 165.3 |
| 6" | 6 | 8.5 | 9.51 | 10.98 | 10.5 | 23.23 | 11.81 | 1.02 | 0.06 | 0.87 | 8 | 187.4 |
| 8" | 8 | 10.63 | 11.75 | 13.5 | 11.5 | 28.7 | 13.78 | 1.14 | 0.06 | 0.87 | 8 | 299.8 |
| 10" | 10 | 12.76 | 14.25 | 15.98 | 13 | 34.21 | 15.75 | 1.22 | 0.06 | 0.98 | 12 | 440.9 |
| 12" | 12 | 15 | 17.01 | 19.02 | 14 | 39.88 | 17.72 | 1.26 | 0.06 | 0.98 | 12 | 712.1 |

* Other sizes available upon request.

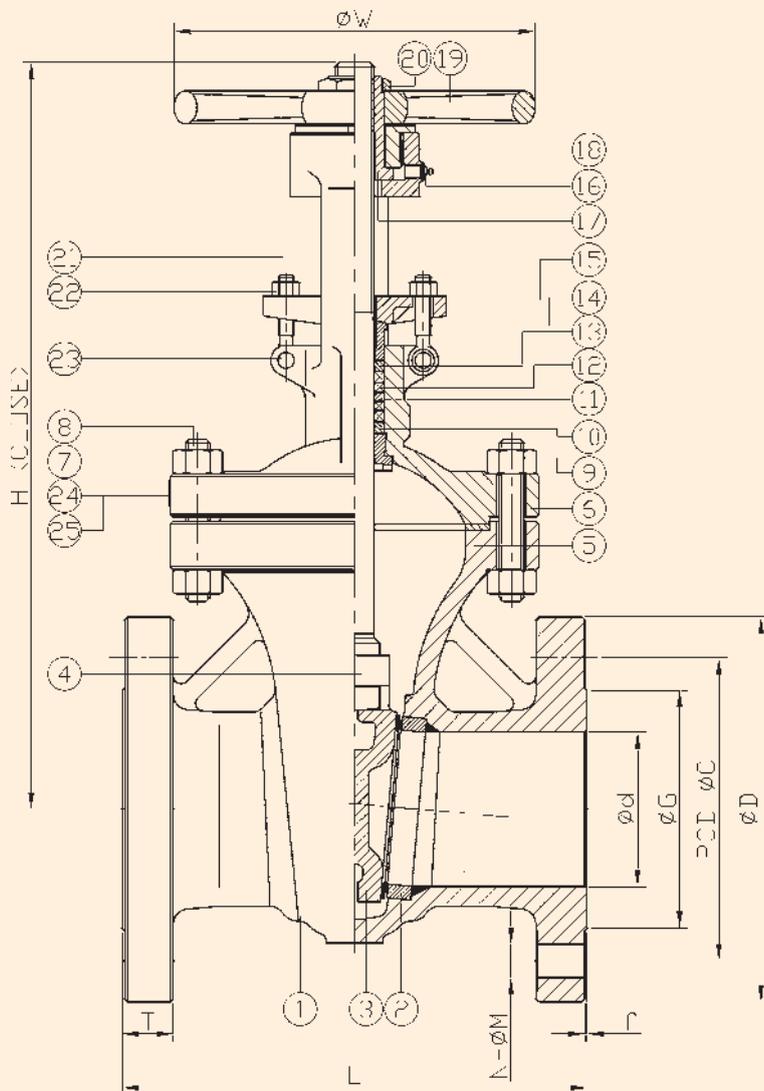
TOLL FREE (877) 423-2660 • (513) 752-5600 • FAX (513) 752-8267
 EMAIL sales@ohiovalve.com • WEB www.ohiovalve.com

OVC# CS300GT

Class 300 Carbon Steel Gate Valve

Features

- Face to face dimensions: ASME B16.10
- Flange end dimensions: ASME B16.5
- Test: API 598
- Design: API 600



| NO. | DESCRIPTION | MATERIAL |
|-----|----------------|--------------------|
| 1 | BODY | ASTM A216-WCB |
| 2 | SEAT RING | ASTM A105+STL#6 |
| 3 | WEDGE | ASTM A216-WCB+Cr13 |
| 4 | STEM | ASTM A182-F6a |
| 5 | GASKET | SS 304 + GRAPHITE |
| 6 | BONNET | ASTM A216-WCB |
| 7 | NUT | ASTM A194-2H |
| 8 | STUD | ASTM A193-B7 |
| 9 | BACK SEAT | ASTM A276-410 |
| 10 | PACKING A | GRAPHITE |
| 11 | SPACER RING | ASTM A276-410 |
| 12 | PACKING B | GRAPHITE |
| 13 | PACKING C | GRAPHITE |
| 14 | GLAND | ASTM A276-410 |
| 15 | GLAND FLANGE | ASTM A216-WCB |
| 16 | GREASE FITTING | CARBON STEEL |
| 17 | STEM BUSHING | ASTM A439 D-2 |
| 18 | RETAINING NUT | ASTM A29-1025 |
| 19 | HANDWHEEL | DUCTILE IRON |
| 20 | NUT | ASTM A29-1025 |
| 21 | EYE BOLT | ASTM A193-B7 |
| 22 | NUT | ASTM A194-2H |
| 23 | PIN | ASTM A29-1025 |
| 24 | NAMEPLATE | SS 304 |
| 25 | RIVET | SS 304 |

| NPS | d | G | C | D | L | H | W | T | f | M | N | Weight (lb) |
|--------|-----|-------|-------|-------|--------|-------|-------|------|------|------|----|-------------|
| 2" | 2 | 3.62 | 5 | 6.5 | 8.5 | 13.78 | 7.87 | 0.91 | 0.06 | 0.75 | 8 | 66.1 |
| 2-1/2" | 2.5 | 4.13 | 5.87 | 7.48 | 9.5 | 15.55 | 7.87 | 1.02 | 0.06 | 0.87 | 8 | 92.6 |
| 3" | 3 | 5 | 6.63 | 8.27 | 11.125 | 16.97 | 9.84 | 1.14 | 0.06 | 0.87 | 8 | 121.3 |
| 4" | 4 | 6.18 | 7.87 | 10 | 12 | 19.65 | 9.84 | 1.26 | 0.06 | 0.87 | 8 | 183 |
| 5" | 5 | 7.32 | 9.25 | 10.98 | 15 | 22.2 | 11.81 | 1.38 | 0.06 | 0.87 | 8 | 238.1 |
| 6" | 6 | 8.5 | 10.63 | 12.52 | 15.875 | 25.47 | 13.78 | 1.46 | 0.06 | 0.87 | 12 | 302 |
| 8" | 8 | 10.63 | 12.99 | 15 | 16.5 | 29.8 | 15.75 | 1.65 | 0.06 | 0.98 | 12 | 529.1 |
| 10" | 10 | 12.76 | 15.26 | 17.52 | 18 | 36.5 | 17.72 | 1.89 | 0.06 | 1.14 | 16 | 734.1 |
| 12" | 12 | 15 | 17.76 | 20.51 | 19.75 | 42.13 | 19.69 | 2.01 | 0.06 | 1.26 | 16 | 1181.7 |

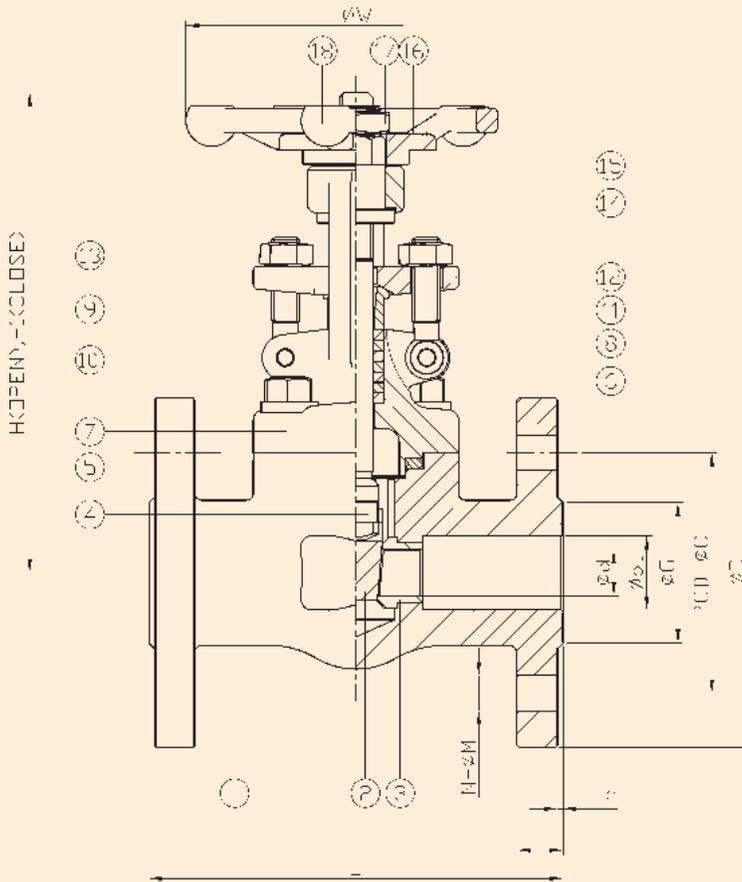
TOLL FREE (877) 423-2660 • (513) 752-5600 • FAX (513) 752-8267
 EMAIL sales@ohiovalve.com • WEB www.ohiovalve.com

OVC# GA150FE

Class 150 Forged Steel Flanged End Gate Valve

Features

- Design and manufacture: API 602 & ASME 16.34
- Test: API 598
- Flange end dimensions: ASME B16.5
- Face to face: ASME B16.10



| NO. | DESCRIPTION | MATERIAL |
|-----|---------------|---------------------|
| 1 | BODY | ASTM A105 |
| 2 | WEDGE | ASTM A276-420 |
| 3 | SEAT RING | ASTM A276-410 + STL |
| 4 | STEM | ASTM A276-410 |
| 5 | GASKET | 304 + GRAPHITE |
| 6 | BOLT | ASTM A193-B7 |
| 7 | BONNET | ASTM A105 |
| 8 | PACKING | GRAPHITE |
| 9 | EYE BOLT | ASTM A193-B7 |
| 10 | PIN | ASTM A276-304 |
| 11 | GLAND | ASTM A276-420 |
| 12 | GLAND FLANGE | ASTM A216-WCB |
| 13 | NUT | ASTM A194-2H |
| 14 | STEM NUT | ASTM A276-410 |
| 15 | WASHER | ASTM A276-410 |
| 16 | NAMEPLATE | ALUMINUM |
| 17 | HANDWHEEL NUT | ASTM A108-1020 |
| 18 | HANDWHEEL | ASTM A197 |

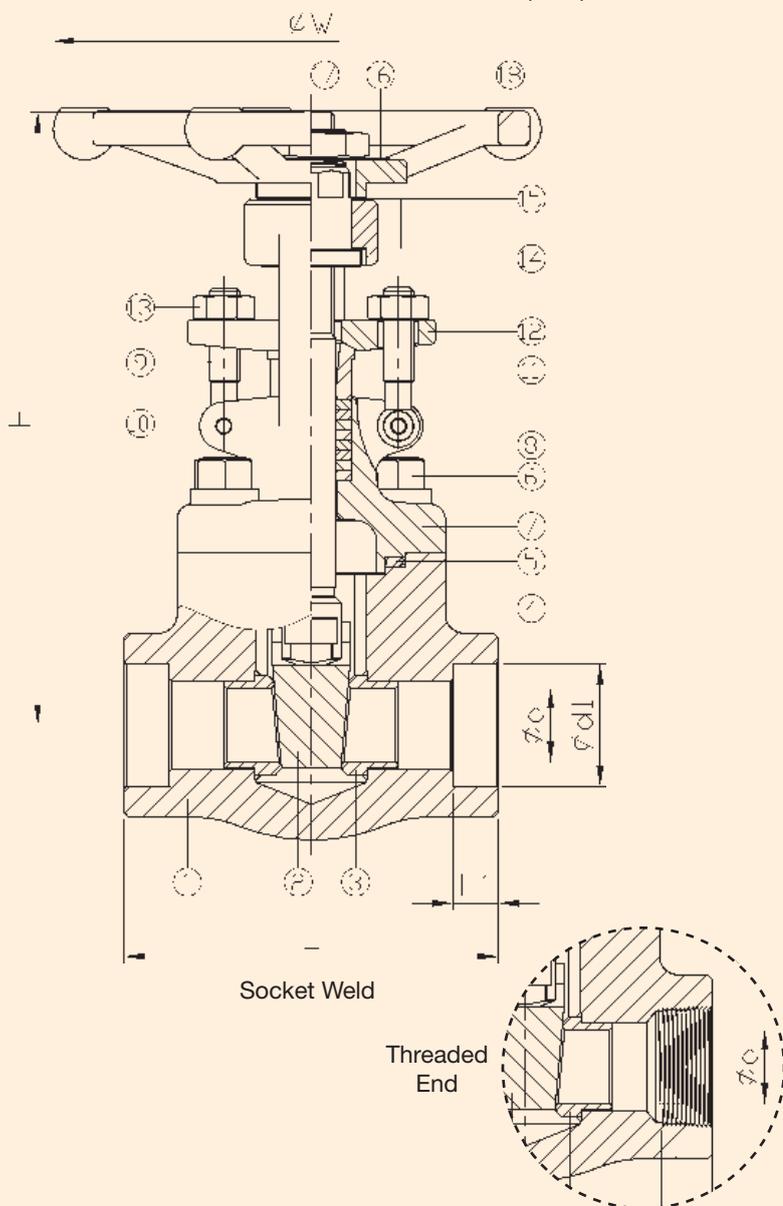
| NPS | d | d1 | G | C | D | L | H | H1 | W | T | f | N | M | Weight (lb) |
|--------|------|------|------|------|------|------|-------|------|------|------|------|---|------|-------------|
| 1/2" | 0.37 | 0.63 | 1.37 | 2.37 | 3.54 | 4.25 | 6.02 | 5.51 | 3.94 | 0.45 | 0.06 | 4 | 0.63 | 6.3 |
| 3/4" | 0.51 | 0.83 | 1.69 | 2.75 | 3.94 | 4.61 | 6.18 | 5.59 | 3.94 | 0.51 | 0.06 | 4 | 0.63 | 7.1 |
| 1" | 0.71 | 1.04 | 2.00 | 3.13 | 4.33 | 5.00 | 7.28 | 6.50 | 4.72 | 0.57 | 0.06 | 4 | 0.63 | 11.5 |
| 1 1/4" | 0.94 | 1.38 | 2.50 | 3.50 | 4.53 | 5.51 | 8.90 | 7.87 | 6.30 | 0.63 | 0.06 | 4 | 0.63 | 17.1 |
| 1 1/2" | 1.14 | 1.61 | 2.87 | 3.87 | 4.92 | 6.50 | 9.49 | 8.27 | 6.30 | 0.69 | 0.06 | 4 | 0.63 | 19.8 |
| 2" | 1.44 | 2.07 | 3.62 | 4.75 | 5.91 | 7.01 | 11.02 | 9.49 | 8.66 | 0.77 | 0.06 | 4 | 0.75 | 34.2 |

OVC# GA800SW/TE

Socket Weld End & Threaded End Forged Steel Gate Valve

Features

- Basic design: API 602
- Test: API 598
- Socket weld dimensions: ASME B16.11
- Screw end dimensions: ASME B1.20.1 (NPT)



| NO. | DESCRIPTION | MATERIAL |
|-----|---------------|--------------------------|
| 1 | BODY | ASTM A105 |
| 2 | WEDGE | ASTM A276-420 |
| 3 | SEAT | ASTM A276-410 + STELLITE |
| 4 | STEM | ASTM A276-410 |
| 5 | GASKET | 304 + GRAPHITE |
| 6 | BOLT | ASTM A193-B7 |
| 7 | BONNET | ASTM A105 |
| 8 | PACKING | GRAPHITE |
| 9 | EYE BOLT | ASTM A193-B7 |
| 10 | PIN | ASTM A276-304 |
| 11 | GLAND | ASTM A276-420 |
| 12 | GLAND FLANGE | ASTM A216-WCB |
| 13 | NUT | ASTM A194-2H |
| 14 | STEM NUT | ASTM A276-410 |
| 15 | WASHER | ASTM A276-410 |
| 16 | NAMEPLATE | ALUMINUM |
| 17 | HANDWHEEL NUT | ASTM A108-1020 |
| 18 | HANDWHEEL | ASTM A197 |

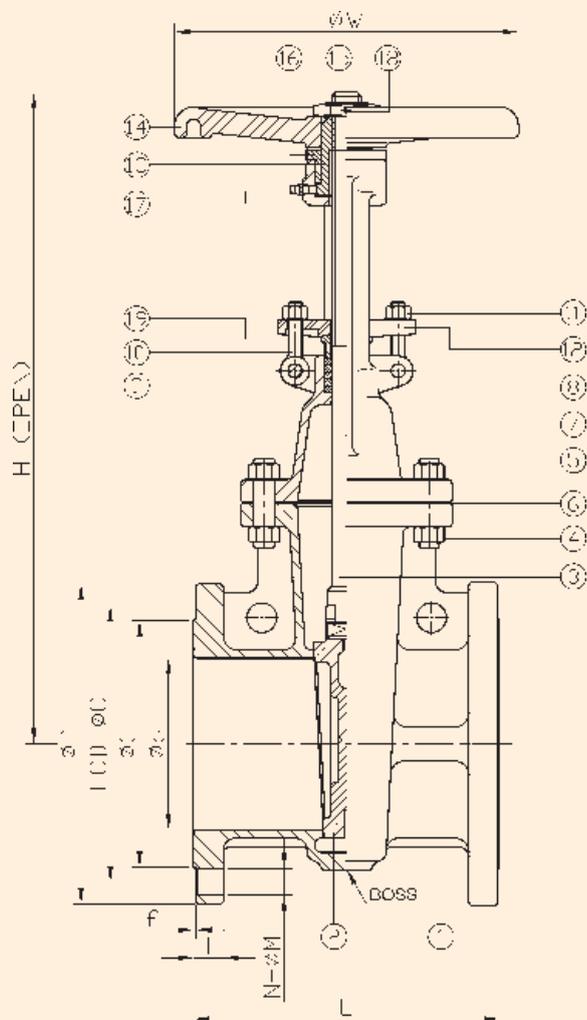
| NPS | d | d1 | L | L1 | H OPEN | H CLOSE | W | Weight (lb) |
|--------|------|------|------|------|--------|---------|------|-------------|
| 1/4" | 0.30 | 0.56 | 3.11 | 0.39 | 6.18 | 5.59 | 3.94 | 4.6 |
| 3/8" | 0.37 | 0.69 | 3.11 | 0.39 | 6.18 | 5.59 | 3.94 | 4.6 |
| 1/2" | 0.51 | 0.86 | 3.11 | 0.39 | 6.18 | 5.59 | 3.94 | 4.4 |
| 3/4" | 0.51 | 1.07 | 3.62 | 0.51 | 6.18 | 5.59 | 3.94 | 4.9 |
| 1" | 0.71 | 1.33 | 4.37 | 0.51 | 7.28 | 6.50 | 4.72 | 7.7 |
| 1-1/4" | 0.94 | 1.68 | 4.72 | 0.51 | 8.90 | 7.87 | 6.30 | 11.7 |
| 1-1/2" | 1.14 | 1.92 | 4.72 | 0.51 | 9.49 | 8.23 | 6.30 | 13.4 |
| 2" | 1.44 | 2.41 | 5.51 | 0.63 | 10.59 | 9.02 | 8.66 | 21.1 |

OVC# SS150GT

Class 150 Stainless Steel Gate Valve

Features

- Design: API 603
- Face to face: ASME B16.10
- Flange dimension: ASME B16.5
- Test: API 598



| NO. | DESCRIPTION | MATERIAL |
|-----|-------------------|--------------------|
| 1 | BODY | ASTM A315-CF8M |
| 2 | DISC | ASTM A315-CF8M |
| 3 | STEM | ASTM A276-316 |
| 4 | NUT | ASTM A194-8 |
| 5 | STUD | ASTM A193-B8 |
| 6 | GASKET | PTFE |
| 7 | BONNET | ASTM A351-CF8M |
| 8 | PACKING | PTFE |
| 9 | PIN | AISI 316 |
| 10 | EYE BOLT | ASTM A193-B8 |
| 11 | NUT | ASTM A194-8 |
| 12 | GLAND FLANGE | AISI 304 |
| 13 | STEM BUSHING | A439 D2C |
| 14 | HANDWHEEL | ASTM A536 60-40-80 |
| 15 | HANDWHEEL NUT | AISI 304 |
| 16 | FLAT WASHER | BRONZE |
| 17 | NIPPLE | AISI 304 |
| 18 | SOCKET SET SCREWS | AISI 304 |
| 19 | GLAND | AISI 304 |

| NPS | d | G | C | D | L | H | W | T | f | N | M | Wt./Lbs. |
|--------|------|-------|-------|-------|------|-------|-------|------|------|----|------|------------|
| 1/2" | 0.5 | 1.37 | 2.37 | 3.54 | 4.25 | 7.70 | 4.72 | 0.44 | 0.08 | 4 | 0.63 | 7.1 |
| 3/4" | 0.75 | 1.69 | 2.75 | 3.94 | 4.61 | 8.33 | 4.72 | 0.44 | 0.08 | 4 | 0.63 | 8.8 |
| 1" | 1 | 2.00 | 3.13 | 4.33 | 5.00 | 8.92 | 4.72 | 0.44 | 0.08 | 4 | 0.63 | 11.5 |
| 1-1/2" | 1.50 | 2.87 | 3.87 | 4.92 | 6.50 | 11.71 | 7.87 | 0.58 | 0.08 | 4 | 0.63 | 18.7 |
| 2" | 2 | 3.63 | 4.75 | 5.91 | 7.01 | 14.09 | 7.87 | 0.64 | 0.08 | 4 | 0.75 | 27.3 |
| 2-1/2" | 2.5 | 4.13 | 5.5 | 7.09 | 7.5 | 15.2 | 7.87 | 0.7 | 0.08 | 4 | 0.75 | 36.4 |
| 3" | 3 | 5 | 6 | 7.48 | 8 | 18.31 | 9.84 | 0.77 | 0.08 | 4 | 0.75 | 50.7 |
| 4" | 4 | 6.19 | 7.5 | 9.06 | 9 | 21.81 | 9.84 | 0.96 | 0.08 | 8 | 0.75 | 82.7 |
| 5" | 5 | 7.31 | 8.5 | 10.04 | 10 | 26.77 | 11.81 | 0.94 | 0.08 | 8 | 0.89 | on request |
| 6" | 6 | 8.5 | 9.5 | 11.02 | 10.5 | 28.82 | 11.81 | 1.02 | 0.08 | 8 | 0.89 | 130.1 |
| 8" | 8 | 10.63 | 11.75 | 13.58 | 11.5 | 36.73 | 13.78 | 1.14 | 0.08 | 8 | 0.89 | 201.7 |
| 10" | 10 | 12.70 | 14.25 | 15.94 | 13 | 43.97 | 15.75 | 1.20 | 0.08 | 12 | 1 | 320.8 |
| 12" | 12 | 15.00 | 17.00 | 19.09 | 14 | 52.45 | 17.72 | 1.27 | 0.08 | 12 | 1 | 446.4 |

* Other sizes available upon request.

TOLL FREE (877) 423-2660 • (513) 752-5600 • FAX (513) 752-8267
 EMAIL sales@ohiovalve.com • WEB www.ohiovalve.com