



3 in. Carbon Steel, Cast Gate Valve. Class 300 Rating, Flanged Connection 8 (CR13/HF) Trim, Outside Stem & Yoke (OSY)

Item No. M100418 UOM EA

[View Product Online to Request Quote](#)

Specifications

| | |
|----------------|---------------------------|
| Type | Gate Valve |
| Item Remarks | Outside Stem & Yoke (OSY) |
| Size | 3 in. |
| Material | Steel |
| Material Grade | Carbon Steel, Cast |
| Trim | TRIM 8 (CR13/HF) |
| Pressure Class | Class 300 |
| Connection | Flanged |
| Specification | ANSI B16.5 |
| Market | Commercial |

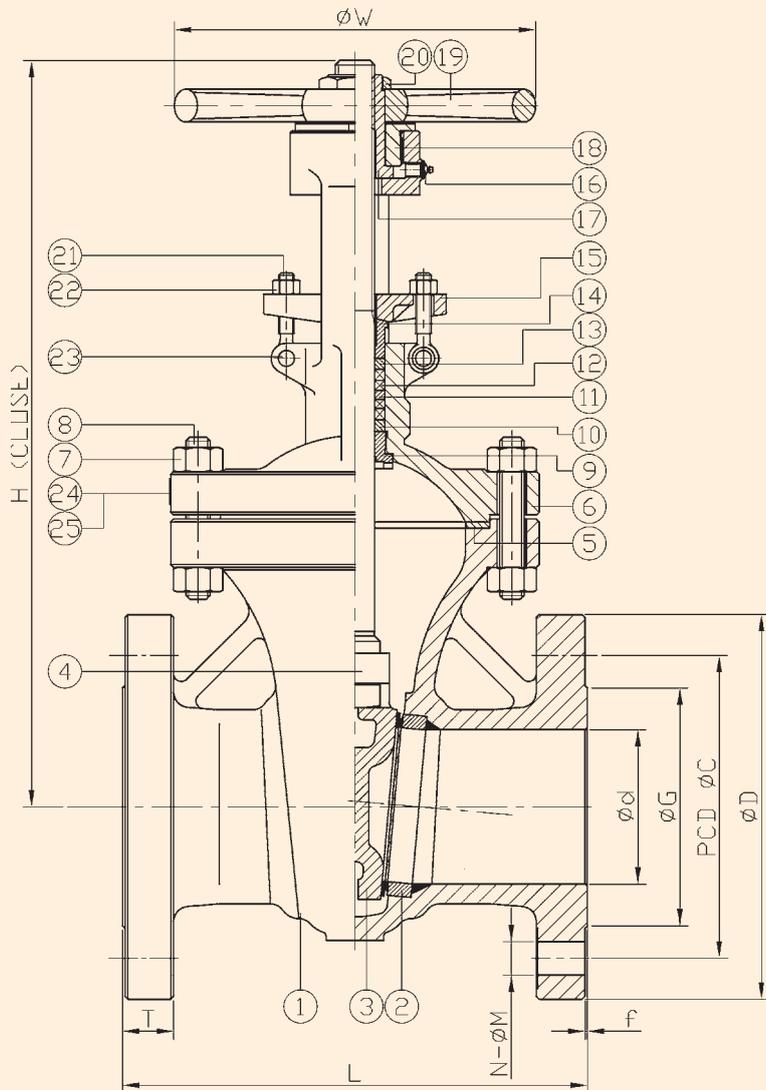
Product URL: <https://torksystems.com/M100418>

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