



**DESCRIPTION:**

AUTOMA Gate Valve is served as efficient on/off valves with flow in either direction. It is designed with straight-through unobstructed passageway when valve is fully open. AUTOMA standard design with stainless steel trim and bolted bonnet.

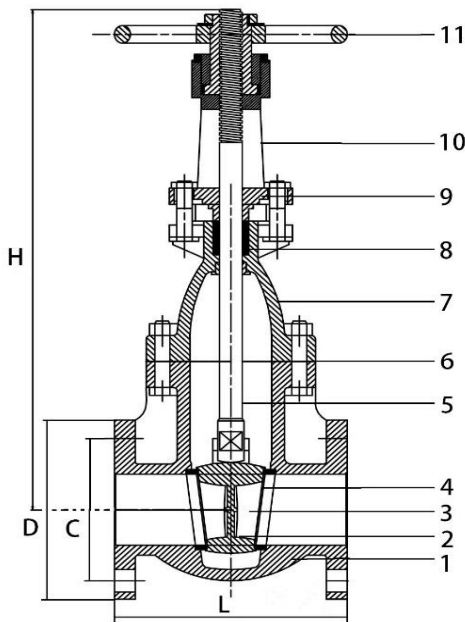
AUTOMA Gate Valve available Outside Screw & Yoke OS&Y rising stem and non-rising stem. This valve can be installed in horizontal or vertical positions in the pipe line system. Opening and closing positions can be visible with OS&Y rising stem type.

**SPECIFICATION:**

- Cast iron body / stainless steel 13%Cr seat ring
- Face to face according to ANSI B16.10
- Flange end according to ANSI B16.5
- Max. pressure 200psi for WOG @ 150°F (65°C)
- Max. pressure 125psi for saturated steam
- Maximum temperature up to 446°F (230°C)
- Shell pressure test at 350psi
- Seat pressure test at 220psi

**APPLICATION:**

- Water, oil and neutral gases
- Hot water and steam



**MATERIAL LIST:**

| PART NAME        | MATERIAL               |                   |
|------------------|------------------------|-------------------|
|                  | OS&Y<br>A1GA1-A150     | NRS<br>A1GA2-A150 |
| 1. Body          | Cast iron ASTM A126B   |                   |
| 2. Seat ring     | Stainless steel 13%Cr  |                   |
| 3. Wedge         | Cast iron ASTM A126B   |                   |
| 4. Wedge ring    | Stainless steel 13%Cr  |                   |
| 5. Stem          | Stainless steel 13%Cr  |                   |
| 6. Bonnet gasket | Graphite               |                   |
| 7. Bonnet        | Cast iron ASTM A126B   |                   |
| 8. Gland Packing | Graphite               |                   |
| 9. Gland         | Ductile iron ASTM A536 |                   |
| 10. Yoke         | Cast iron ASTM A126B   | -                 |
| 11. Handwheel    | Cast iron ASTM A126B   |                   |

**DIMENSIONS (mm):**

| SIZE   | 2"    | 2-1/2" | 3"    | 4"    | 5"  | 6"    | 8"    | 10" | 12"  |
|--------|-------|--------|-------|-------|-----|-------|-------|-----|------|
| DN     | 50    | 65     | 80    | 100   | 125 | 150   | 200   | 250 | 300  |
| L      | 178   | 190    | 203   | 229   | 254 | 267   | 292   | 330 | 356  |
| H-OS&Y | 318   | 338    | 353   | 433   | 516 | 603   | 737   | 979 | 1115 |
| H-NRS  | 287   | 305    | 337   | 414   | 457 | 526   | 613   | 686 | 782  |
| D      | 152   | 178    | 190   | 229   | 254 | 279   | 343   | 406 | 483  |
| C      | 120.7 | 139.5  | 152.5 | 190.5 | 216 | 241.5 | 298.5 | 362 | 462  |

The specification and dimensions are subject to change without prior notice!