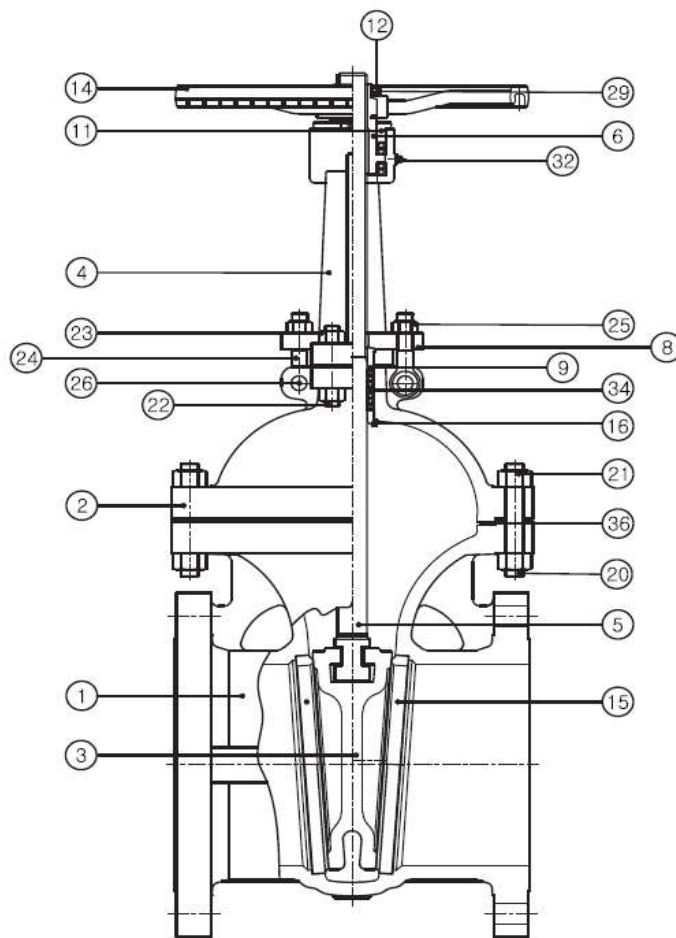




## Material List

| NO. | NAME OF PART   | ASTM SPECIFICATION |                    |               |              |                   |
|-----|----------------|--------------------|--------------------|---------------|--------------|-------------------|
|     |                | STANDARD           | HIGH TEMP. SERVICE |               |              | LOW TEMP. SERVICE |
| 1   | BODY           | A216-WCB           | A217-WC6           | A217-WC9      | A217-C5      | A352-LCB          |
| 2   | BONNET         | A216-WCB           | A217-WC6           | A217-WC9      | A217-C5      | A352-LCB          |
| 3   | WEDGE          | A217-CA15/+STL     | A217-WC6/+STL      | A217-WC9/+STL | A217-C5/+STL | A352-LCB/+STL     |
| 4   | YOKE           | A216-WCB           |                    |               |              |                   |
| 5   | STEM           | A479-410           | A479-410           | A479-410      | A479-410     | A479-304          |
| 6   | YOKE SLEEVE    | A439-D2C           |                    |               |              |                   |
| 8   | GLAND FLANGE   | A105/A283-D        |                    |               |              |                   |
| 9   | PACKING GLAND  | A479-410           | A479-410           | A479-410      | A479-410     | A479-304          |
| 15  | BODY SEAT RING | A106+STL           | A182-F11+STL       | A182-F22+STL  | A182-C5+STL  | A350-LF2+STL      |
| 16  | BACK SEAT RING | A479-410           | A479-410           | A479-410      | A479-410     | A479-304          |
| 20  | BONNET BOLT    | A193-B7            | A193-B16           | A193-B16      | A193-B16     | A320-L7           |
| 21  | BONNET NUT     | A194-2H            | A194-4             | A194-4        | A194-4       | A194-4L           |
| 22  | YOKE BOLT      | A193-B7            |                    |               |              |                   |
| 23  | YOKE NUT       | A194-2H            |                    |               |              |                   |
| 24  | HINGE BOLT     | A307-B             |                    |               |              |                   |
| 25  | HINGE NUT      | A563-A             |                    |               |              |                   |
| 26  | HINGE PIN      | A576-1020          |                    |               |              |                   |

| NO. | NAME OF PART        | ASTM SPECIFICATION |
|-----|---------------------|--------------------|
| 11  | SLEEVE NUT          | A576-1020          |
| 12  | WHEEL NUT           | A576-1020          |
| 14  | HAND WHEEL          | A536-60            |
| 29  | SET SCREW           | STEEL              |
| 32  | GREASE NIPPLE       | STELL              |
| 34  | PACKING             | GRAPHITE           |
| 36  | SPIRAL WOUND GASKET | GRAPHITE+304       |