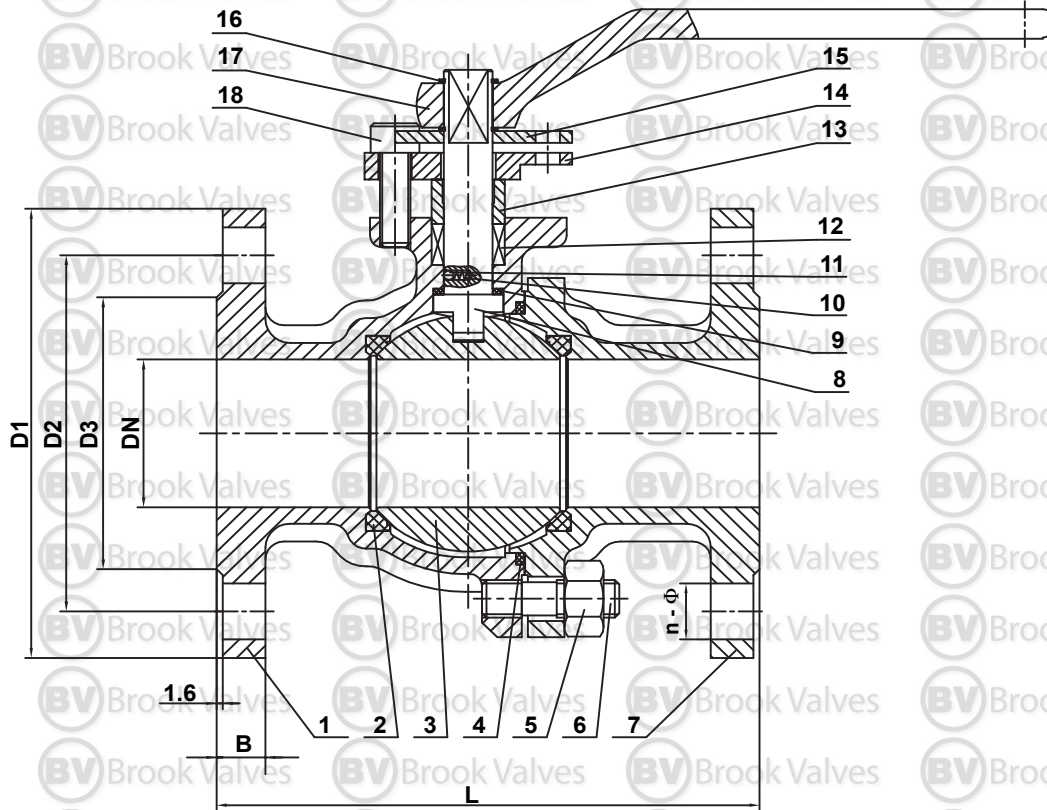


TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE PER ANSI B16.34
2. VALVE INSPECTION AND TEST PER API 598
3. FACE TO FACE DIMENSION PER ANSI B16.10
4. FLANGE CONNECTION DIMENSION PER ANSI B16.5



| NO | PART NAME | MATERIAL |
|----|----------------------|---------------------------|
| 1 | BODY | A351 CF8M |
| 2 | SEAT | RPTFE |
| 3 | BALL | SS316 |
| 4 | GASKET | 316SS + FLEXIBLE GRAPHITE |
| 5 | NUT | A194 B8 |
| 6 | BOLT | A193 B8M |
| 7 | END BODY | A351 CF8M |
| 8 | STEM | SS316 |
| 9 | THRUST WASHER | PTFE |
| 10 | SMALL SPRING | SS304 |
| 11 | SMALL BALL | SS304 |
| 12 | PACKING | FLEXIBLE GRAPHITE |
| 13 | GLAND | A182 F316 |
| 14 | GLAND FLANGE | A351 CF8M |
| 15 | LIMITED PLATE | A182 F316 |
| 16 | SHAFT RETAINING RING | AISI 1566 |
| 17 | LEVER | A216 Gr WCB |
| 18 | SCREW | A193 B8M |
| | SEALING FACE | SS316 / RPTFE |

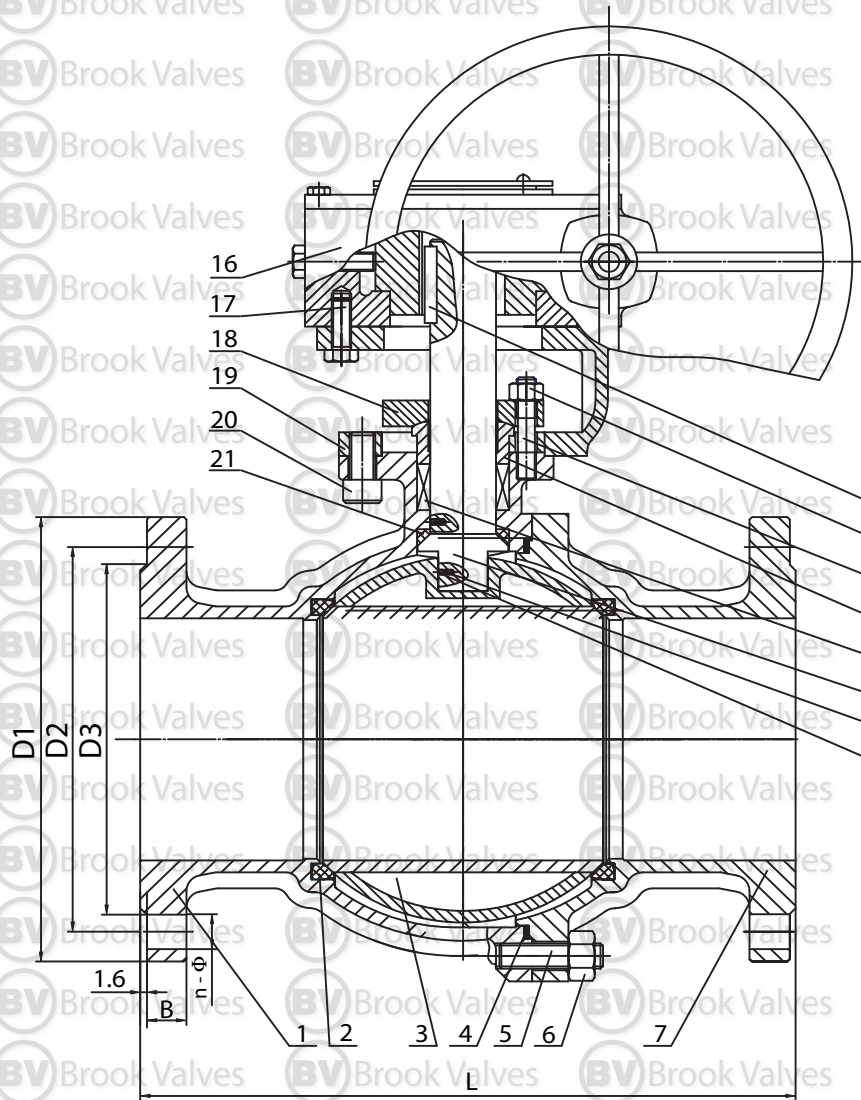
| SIZES | DN | D1 | D2 | D3 | B | n - F | L |
|------------------|-----|-----|-------|-----|----|--------|-----|
| 15NB CLASS300LB | 13 | 95 | 66.5 | 35 | 15 | 4 - 15 | 140 |
| 20NB CLASS300LB | 19 | 117 | 82.5 | 43 | 16 | 4 - 19 | 152 |
| 25NB CLASS300LB | 25 | 124 | 89.0 | 51 | 18 | 4 - 19 | 165 |
| 40NB CLASS300LB | 38 | 156 | 114.5 | 73 | 21 | 4 - 22 | 191 |
| 50NB CLASS300LB | 50 | 165 | 127.0 | 92 | 23 | 8 - 19 | 216 |
| 65NB CLASS300LB | 64 | 190 | 149.0 | 105 | 26 | 8 - 22 | 241 |
| 80NB CLASS300LB | 76 | 210 | 168.5 | 127 | 29 | 8 - 22 | 283 |
| 100NB CLASS300LB | 102 | 254 | 200.0 | 157 | 32 | 8 - 22 | 305 |

| | |
|---------------------------------|---------|
| SHELL HYDROSTATIC TEST PRESSURE | 7.6 MPa |
| SEAT HYDROSTATIC TEST PRESSURE | 5.5MPa |
| SEAT AIR TEST PRESSURE | 0.6 MPa |
| CLASS | 300Lb |

| | | | |
|---|---|--|----------|
| REV A | <h1 style="text-align: center;">BROOK VALVES</h1> <h2 style="text-align: center;">SSBL300L</h2> | | |
| DATE | | | MAY 2005 |
| SCALE | | | TO FIT |
| 316SS FIRESAFE BALL VALVE CLASS 300 LEVER OP | | | |

TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE PER ANSI B16.34
2. VALVE INSPECTION AND TEST PER API 598
3. FACE TO FACE DIMENSION PER ANSI B16.10
4. FLANGE CONNECTION DIMENSION PER ANSI B16.5



| NO | PART NAME | MATERIAL |
|----|-----------------|---------------------------|
| 1 | LEFT BODY | A351 CF8M |
| 2 | BALL SEAT | RPTFE |
| 3 | BALL | SS316 |
| 4 | GASKET | 316SS + FLEXIBLE GRAPHITE |
| 5 | BOLT | A194 B8 |
| 6 | NUT | A193 B8M |
| 7 | RIGHT BODY | A351 CF8M |
| 8 | SMALL BALL | SS304 |
| 9 | SMALL SPRING | SS304 |
| 10 | STEM | SS316 |
| 11 | PACKING | FLEXIBLE GRAPHITE |
| 12 | GLAND BUSHING | SS316 |
| 13 | BOLT | A194 B8 |
| 14 | NUT | A193 B8M |
| 15 | KEY | 1045 |
| 16 | MANUAL OPERATOR | CAST IRON |
| 17 | SCREW | 1035 |
| 18 | PACKING GLAND | A351 CF8M |
| 19 | YOKE | A216 Gr WCB |
| 20 | SCREW | 1035 |
| 21 | THRUST WASHER | PTFE |
| | SEALING FACE | SS316 / RPTFE |

| | |
|---------------------------------|---------|
| SHELL HYDROSTATIC TEST PRESSURE | 7.6 MPa |
| SEAT HYDROSTATIC TEST PRESSURE | 5.5 MPa |
| SEAT AIR TEST PRESSURE | 0.6 MPa |
| CLASS | 300 Lb |

| SIZES | DN | D1 | D2 | D3 | B | n - φ | L |
|------------------|-----|-----|-----|-----|----|---------|-----|
| 150NB CLASS300LB | 152 | 318 | 270 | 216 | 37 | 12 - 22 | 403 |

| | | | |
|-------|--|--|----------|
| REV A | <h1>BROOK VALVES</h1> <h2>BL300G</h2> <h3>316SS FIRESAFE BALL VALVE CLASS 300 GEAR OP</h3> | | |
| DATE | | | MAY 2005 |
| SCALE | | | TO FIT |