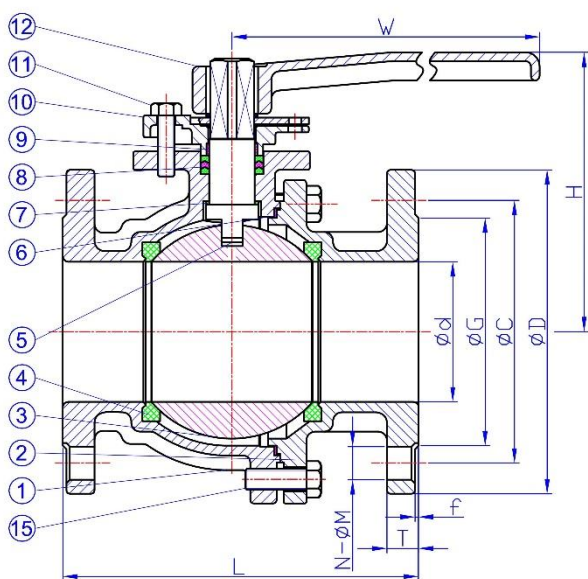
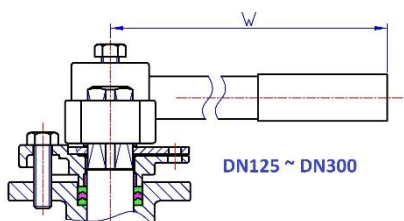




- Working temperature up to 180° C

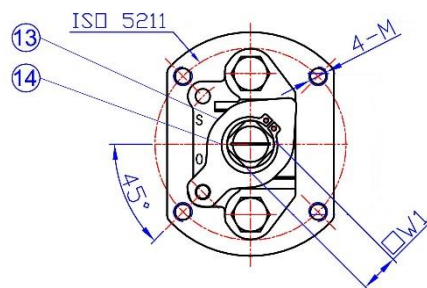
#### PRESSURE TEST

| SHELL                   | SEAT                    |                      |
|-------------------------|-------------------------|----------------------|
| by water                | by water                | by air               |
| 21.5 kg/cm <sup>2</sup> | 16.5 kg/cm <sup>2</sup> | 6 kg/cm <sup>2</sup> |



#### MATERIAL LIST

| NO. | PART NAME     | MATERIAL  |        |
|-----|---------------|-----------|--------|
|     |               | AT223F    | AT224F |
| 1   | Body          | SCS13     | SCS14  |
| 2   | Cap           | SCS13     | SCS14  |
| 3   | Ball          | SCS13     | SCS14  |
| 4   | Seat          | R-PTFE    |        |
| 5   | Stem          | SUS304    | SUS316 |
| 6   | Gasket        | PTFE      |        |
| 7   | Thrust Washer | PEEK+PTFE |        |
| 8   | Packing       | PTFE      |        |
| 9   | Stem Packing  | PTFE      |        |
| 10  | Gland         | SCS13     |        |
| 11  | Gland Bolt    | SUS304    |        |
| 12  | Handle        | SUS201    |        |
| 13  | Stopper       | SUS304    |        |
| 14  | Snap Ring     | SUS304    |        |
| 15  | Bolt          | SUS304    |        |



#### DIMENSIONS

| SIZE |     | L   | H   | W   | FLANGE JIS 10K |     |      |   |    |         | ISO5211 | ACTUATOR |       |
|------|-----|-----|-----|-----|----------------|-----|------|---|----|---------|---------|----------|-------|
| DN   | ø d |     |     |     | ø C            | ø D | ø G  | f | T  | N-øM    |         | AD       | AS    |
| 15   | 15  | 110 | 70  | 160 | 70             | 95  | 51   | 1 | 12 | 4 - ø15 | F04     | AD50     | AS50  |
| 20   | 20  | 120 | 73  | 160 | 75             | 100 | 56   | 1 | 14 | 4 - ø15 | F04     | AD50     | AS50  |
| 25   | 25  | 130 | 103 | 160 | 90             | 125 | 67   | 1 | 14 | 4 - ø19 | F05     | AD50     | AS65  |
| 32   | 32  | 140 | 108 | 160 | 100            | 135 | 76   | 2 | 16 | 4 - ø19 | F05     | AD50     | AS65  |
| 40   | 40  | 165 | 112 | 230 | 105            | 140 | 81   | 2 | 16 | 4 - ø19 | F07     | AD65     | AS65  |
| 50   | 50  | 180 | 122 | 230 | 120            | 155 | 96   | 2 | 16 | 4 - ø19 | F07     | AD65     | AS80  |
| 65   | 65  | 190 | 151 | 350 | 140            | 175 | 116' | 2 | 18 | 4 - ø19 | F07     | AD65     | AS80  |
| 80   | 80  | 200 | 161 | 350 | 150            | 185 | 126  | 2 | 18 | 8 - ø19 | F10     | AD80     | AS100 |
| 100  | 100 | 230 | 175 | 350 | 175            | 210 | 151  | 2 | 18 | 8 - ø19 | F10     | AD80     | AS100 |
| 125  | 125 | 300 | 224 | 750 | 215            | 250 | 182  | 2 | 20 | 8 - ø23 | F12     | AD100    | AS125 |
| 150  | 150 | 340 | 247 | 750 | 240            | 280 | 212  | 2 | 22 | 8 - ø23 | F12     | AD125    | AS140 |

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