# BUTTERFLY WAFER
# DUCTILE IRON A536 200 PSIG

Body of Ductile Iron A536

Designed in accordance
with MSS SP 67 and API 609

Flange Connections: ANSI/ASME B16.5 RF class 150

Direct Mounting Actuator ISO 5211

Tested according Section 5 AWWA c-504-87

Disk stainless steel CF8M (316)

Bipartite Shaft

Seat elastometric: EPDM

Maximum working pressure:

200 PSIG size 2” - 12”

150 PSIG size 14” - 24”

Maximum temperature operation:

EPDM -18°C (0°F) to 110°C (230°F)

Featuring Memoryseal seating technology

Operation Lever or Gearbox

Square shaft for mounting Lever or Gearbox

Hidrostatic test  API 598

Diameters: 2” to 24”

NOTE: Soft seated valves are not recommended for steam service, hot and abrasive fluids.

* Certification pending to norms API 609, MSS SP-67 and Section 5 AWWA c-504-87.







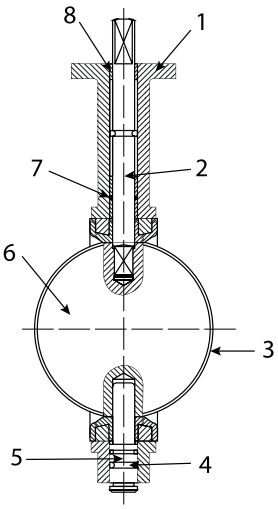
*** Note : Dimensions, design and materials are subject to change without notice.**

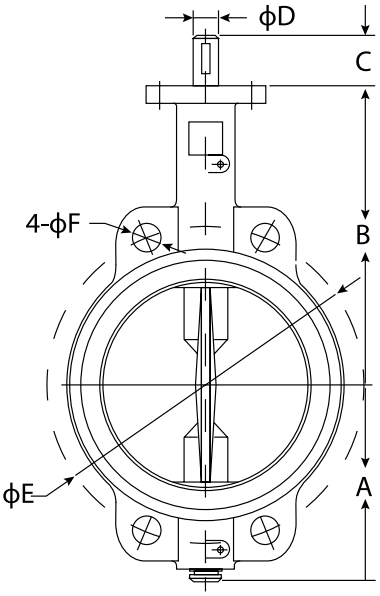
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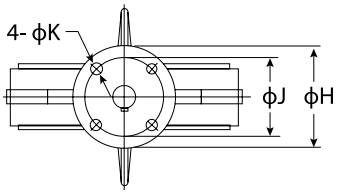
## MATERIALS

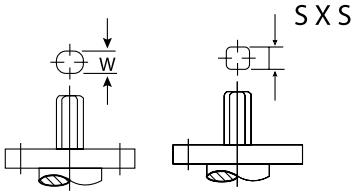
| | PART NAME | MATERIAL |
|---|---|---|
| 1 | BODY | DUCTILE IRON A536 |
| 2 | UPPER STEM | SS 410 |
| 3 | SEAT | EPDM |
| 4 | SPRING PIN | CARBON STEEL |
| 5 | LOWER STEM | STAINLESS STEEL |
| 6 | DISK | CF8M (316) |
| 7 | O-RING | EPDM |
| 8 | BUSHING | RPTFE |

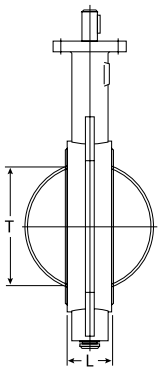
TEST API 598




## DIMENSIONS (mm)

| SIZE | A | B | C | D | E | F | H | J | K | L | T | S | W | LEVER (Kg) | GEARBOX (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2” | 85 | 162 | 32 | 12.7 | 120.7 | 19 | 65 | 50 | 7 | 42 | 32 | 9 | 10 | 4 | 8 |
| 2 1/2” | 98 | 174 | 32 | 12.7 | 139.7 | 19 | 65 | 50 | 7 | 45 | 47 | 9 | 10 | 4.5 | 8.5 |
| 3” | 104 | 181 | 32 | 12.7 | 152.4 | 19 | 65 | 50 | 7 | 45 | 65 | 9 | 10 | 5 | 9 |
| 4” | 123 | 200 | 32 | 15.9 | 190.5 | 19 | 90 | 70 | 9.5 | 52 | 90 | 11 | 12 | 7 | 11 |
| 5” | 136 | 213 | 32 | 19.1 | 215.9 | 22 | 90 | 70 | 9.5 | 54 | 111 | 14 | 14 | 8.5 | 12.5 |
| 6” | 148 | 225 | 32 | 19.1 | 241.3 | 22 | 90 | 70 | 9.5 | 56 | 145 | 14 | 14 | 10 | 14 |
| 8” | 186 | 260 | 38 | 22.2 | 298.5 | 22 | 125 | 102 | 11.5 | 60 | 193 | 17 | 17 | 15.5 | 24 |
| 10” | 212 | 292 | 38 | 28.6 | 362 | 25 | 125 | 102 | 11.5 | 66 | 241 | 22 | 22 | 22 | 31 |
| 12” | 251 | 337 | 38 | 31.8 | 431.8 | 25 | 125 | 102 | 11.5 | 77 | 292 | 22 | 24 | 32.5 | 41 |
| 14” | 277 | 368 | 45 | 31.8 | 476.3 | 29 | 125 | 102 | 11.5 | 77 | 325 | 22 | 24 | - | 57 |
| 16” | 308 | 400 | 51 | 33.3 | 539.8 | 29 | 210 | 165 | 22 | 86 | 380 | 27 | 27 | - | 96 |
| 18” | 342 | 422 | 51 | 38.1 | 577.9 | 32 | 210 | 165 | 22 | 105 | 428 | 27 | 27 | - | 116 |
| 20” | 374 | 479 | 64 | 41.3 | 635 | 32 | 210 | 165 | 22 | 130 | 474 | 27 | 32 | - | 161 |
| 24” | 459 | 562 | 70 | 50.8 | 749.3 | 35 | 210 | 165 | 22 | 152 | 575 | 36 | 36 | - | 257 |

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