



### Pressure & Temperature

|                               |   |
|-------------------------------|---|
| Nominal Pressure              | 16 bar DN 50 - 150<br>10 bar DN 200 - 300 |
| Hydraulic Shell Test Pressure | 24 bar                                    |
| Hydraulic Seat Test Pressure  | 17.6 bar                                  |
| 16 Bar at                     | -10° C to 80° C                           |
| Suitable Medium               | Raw Water                                 |

### Specification

|                   |                           |
|-------------------|---------------------------|
| Very Low Headloss | Non-Incrustating Material |
| Silent, Robust    | Operating In Any Position |
| Epoxy Coating     | Flanges To BS4504 PN 16   |

### Material Specification

| Component    | Material        | Specification  |
|--------------|-----------------|----------------|
| Body         | Cast Iron       | BS 1452 Gr 250 |
| Cover        | Cast Iron       | BS 1450 Gr 250 |
| Ball         | Ductile Iron    | BS 2789 Gr 500 |
| Ball Coating | Rubber          | EPDM           |
| Cover Gasket | Rubber          | EPDM           |
| Seal         | Rubber          | EPDM / NBR     |
| Screw        | Stainless Steel | BS 970 431     |

- Note:**
1. Other flange types available, specify on order
  2. Size 50mm to 150mm, ball material : Aluminium coated by rubber

### Dimensions - Millimetres

| Size | 50  | 65   | 80  | 100 | 125 | 150 | 200 | 250 | 300 |
|------|-----|------|-----|-----|-----|-----|-----|-----|-----|
|      | 2"  | 2.5" | 3"  | 4"  | 5"  | 6"  | 8"  | 10" | 12" |
| A    | 200 | 240  | 260 | 300 | 350 | 400 | 500 | 600 | 700 |
| B    | 165 | 185  | 200 | 220 | 250 | 285 | 340 | 400 | 445 |
| C    | 106 | 129  | 146 | 194 | 207 | 240 | 345 | 435 | 485 |

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\* We reserve the right to alter specifications or dimensions without prior notice.



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