Nodular cast iron butterfly valve
Center Line® RS fig. 718 GB
wafer type, gearbox-operated, ANSI

wafer type butterfly valve with replaceable seat and gearbox operator.

**Body**
Nodular cast iron EN-GJS-400-15 (GGG-40)

**Disc**
- Stainless steel X5CrNiMo 19-11-2 (1.4408) or X5CrNiMoNb 18/10 (1.4581)
- Manufacturer’s choice

**Stem**
- Upper stem chromium steel X20Cr13 (1.4021)
- Lower stem stainless steel X5CrNiMo 18/10 (1.4401)

**Seat**
NBR
Vulcanized on plastic (phenol) or aluminium (DN300 and larger) back-up ring

**Connections**
Mounting between ANSI class 150 flanges

**Face to face dimension**
According ISO 5752 / EN 558-1, series 20, API 609

**Construction**
1-pc body, wafer type, 2-pc stem, centric disc, replaceable cartridge seat, with ISO 5211 topflange for mounting actuators

**Coating body**
Epoxy primer; approx. 40-60 µm, blue RAL5002

**Operator**
Cast iron gearbox with coated steel handwheel.
DN150 / 6” and smaller can be operated by lever - see fig. 718 Lever

**Pressure and temperature range**
See table 1

The butterfly valves comply with PED 2014/68/EU

This butterfly valve is suitable for heavy industrial applications.

**Other available versions:**
- seat: EPDM, EPDM-H, EPDM-FDA, H-NBR, FPM or FPM-FDA
- disc: nodular cast iron (from DN200), Duplex, Hastelloy C, ECTFE coated or Hostalen GUR coated
- upper stem: stainless steel X5CrNiMo 18/10 (1.4401)

**Other options:**
- LUG type design - see fig. 719 GB
- suitable for mounting between DIN PN10/16 flanges - see fig. 713 WK
- smaller sizes - see fig. 718 Lever
- with pneumatic or electrical actuator
- suitable for differential pressure 3,5 or 10 bar
Table 1: Pressure and temperature range

<table>
<thead>
<tr>
<th>Seat</th>
<th>Temperature range</th>
<th>Maximum working pressure</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPDM</td>
<td>-10° / +120°C</td>
<td>16 bar</td>
<td>Water, light chemicals</td>
</tr>
<tr>
<td>NBR</td>
<td>-10° / +80°C</td>
<td>16 bar</td>
<td>Oil products</td>
</tr>
<tr>
<td>FPM</td>
<td>-10° / +150°C</td>
<td>16 bar</td>
<td>Heavier chemicals, higher temperature</td>
</tr>
</tbody>
</table>

Table 2: Dimensions fig. 718 GB with NBR seat

<table>
<thead>
<tr>
<th>DN</th>
<th>C</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>V</th>
<th>E</th>
<th>F</th>
<th>K</th>
<th>M</th>
<th>M1</th>
<th>ØR</th>
<th>Weight</th>
<th>Seat</th>
<th>Article no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>10&quot;</td>
<td>68</td>
<td>192</td>
<td>328</td>
<td>240</td>
<td>90</td>
<td>127</td>
<td>65</td>
<td>220</td>
<td>312</td>
<td>346</td>
<td>250</td>
<td>27,6</td>
<td>NBR 11546929</td>
</tr>
<tr>
<td>300</td>
<td>12&quot;</td>
<td>78</td>
<td>242</td>
<td>376</td>
<td>291</td>
<td>111</td>
<td>127</td>
<td>65</td>
<td>220</td>
<td>342</td>
<td>376</td>
<td>250</td>
<td>39,0</td>
<td>NBR 12673067</td>
</tr>
<tr>
<td>350</td>
<td>14&quot;</td>
<td>78</td>
<td>277</td>
<td>436</td>
<td>327</td>
<td>141</td>
<td>196</td>
<td>96</td>
<td>310</td>
<td>402</td>
<td>437</td>
<td>400</td>
<td>66,8</td>
<td>NBR 11546930</td>
</tr>
<tr>
<td>400</td>
<td>16&quot;</td>
<td>102</td>
<td>302</td>
<td>489</td>
<td>371</td>
<td>141</td>
<td>196</td>
<td>96</td>
<td>340</td>
<td>427</td>
<td>462</td>
<td>400</td>
<td>88,8</td>
<td>NBR 12673068</td>
</tr>
<tr>
<td>500</td>
<td>20&quot;</td>
<td>127</td>
<td>366</td>
<td>595</td>
<td>472</td>
<td>181</td>
<td>196</td>
<td>96</td>
<td>340</td>
<td>479</td>
<td>514</td>
<td>400</td>
<td>127,8</td>
<td>NBR 12673070</td>
</tr>
<tr>
<td>600</td>
<td>24&quot;</td>
<td>154</td>
<td>424</td>
<td>696</td>
<td>575</td>
<td>221</td>
<td>252</td>
<td>96</td>
<td>435</td>
<td>560</td>
<td>616</td>
<td>400</td>
<td>230,0</td>
<td>NBR 12673071</td>
</tr>
</tbody>
</table>

* Seat material EPDM and FPM on request.

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

For more information, quotations or orders: Phone +31 72 514 18 00 or E-mail valves@eriks.nl