Resilient Seat Knife Gate

Model # 59C - CF8 (304SS)
Model # 59F - CF8M (316SS)
Model # 59D - Ductile Iron

Part Name | Material - 59C | Material - 59F | Material - 59D
--- | --- | --- | ---
Body | CF8 | CF8M | Ductile Iron
Gate | SS304 | SS316 | SS304
Seat retainer ring | SS304 | SS316 | SS304
Seat | EPDM | EPDM | EPDM
Packing | PTFE + Silicone | PTFE + Silicone | PTFE + Silicone
Gland | CF8 | CF8M | Ductile Iron
Stem | SS304 | SS304 | SS420
Yoke | A36 Carbon Steel | A36 Carbon Steel | A36 Carbon Steel
Stem Nut | AL Bronze | AL Bronze | AL Bronze
Hand Wheel | Carbon Steel | Carbon Steel | Carbon Steel

Seat Options

<table>
<thead>
<tr>
<th>Seat Designation</th>
<th>Material</th>
<th>Maximum Working Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>BUNA</td>
<td>175 F</td>
</tr>
<tr>
<td>E</td>
<td>EPDM</td>
<td>250 F</td>
</tr>
<tr>
<td>V</td>
<td>VITON</td>
<td>375 F</td>
</tr>
<tr>
<td>T</td>
<td>TFE</td>
<td>LON</td>
</tr>
</tbody>
</table>

Designed and tested to conform with Tappi TIS 405-88 and MSS-SP81 standards. Flanges match ANSI B16.5

Maximum working pressure: 1000 CWP

Size | A | B | M-1 (UNC) | C | E | WGT
--- | --- | --- | --- | --- | --- | ---
in | 18 | 3.50 | 17.63 | 16-M1-1/8"-7 | 46.06 | 23.03 | 455
20 | 4.50 | 19.69 | 20-M1-1/8"-7 | 50.40 | 25.00 | 629
24 | 4.50 | 22.63 | 20-M1-1/4"-7 | 58.46 | 28.34 | 761

Davis Valve