Series
651
652
653

SHUT-OFF ISOLATION VALVE

- Robust and easy-to-operate shut-off valve, with lockout on handle
- Provides shut-off to downstream machinery
- Optional low profile integrated gauge provides clear indication of the downstream pressure, and when the downstream components can be safely removed when pressure (P2) is at zero
- Available as 3/2 or 2/2 construction

Performance Data

<table>
<thead>
<tr>
<th>Series</th>
<th>651</th>
<th>652</th>
<th>653</th>
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</thead>
<tbody>
<tr>
<td>Port sizes</td>
<td>1/8, 1/4</td>
<td>1/4, 3/8, 1/2</td>
<td>3/4, 1</td>
</tr>
<tr>
<td>Thread type</td>
<td>G (NPTF in option)</td>
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</tr>
<tr>
<td>Nominal flow - ISO 6358</td>
<td>l/min (ANR)</td>
<td></td>
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</tr>
<tr>
<td>P1 = 6.3 bar</td>
<td>ΔP = 1 bar</td>
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<td>1/4</td>
<td>4720</td>
<td>250</td>
<td>4300</td>
<td>230</td>
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<td>51900</td>
<td>300</td>
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</table>

Maximum inlet pressure (bar) 16 20
Ambient temperature range (°C) -10 to +50
Fluid temperature range (°C) -10 to +50
Fluid air or inert gas
Weight (kg) 0.260 0.438 0.943

Materials in contact with fluid

<table>
<thead>
<tr>
<th>Body</th>
<th>Aluminium</th>
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<tbody>
<tr>
<td>Ball</td>
<td>Chrome-plated brass</td>
</tr>
<tr>
<td>Seat</td>
<td>PTFE</td>
</tr>
<tr>
<td>Seals</td>
<td>NBR/FPM</td>
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</tbody>
</table>

All leaflets are available on: www.asco.com
HOW TO ORDER

Shut-Off Isolation Valve

Thread connection
G = ISO 228/1-G (1)
8 = NPTF

Product series
651
652
653

Revision letter
A

Product type
2 = 2/2 - Shut Off Valve
3 = 3/2 - Shut Off Valve

Valve Type
M = Manually Operated Ball Valve with Lockout

Pilot valve/Electrical connection
0 = No Electrical Connection

Port size
1 = 1/8 (651 Series)
2 = 1/4 (651 or 652 Series)
3 = 3/8 (652 Series)
4 = 1/2 (652 Series)
5 = 3/4 (653 Series)
6 = 1 (653 Series)

Options (2)
A00 = Without option
101 = Side Mounting Brackets
109 = FPM seals
111 = Metal Muffler
112 = Polyethylene Muffler
113 = Stainless steel fasteners
115 = Scissor Lock
117 = ATEX zones 1-21
122 = Bottom oriented pressure adjustment
123 = Gauge type mounted for right-to-left flow
124 = CUTR Certification (EAC)
125 = CUTR Ex
2B9 = 111 + 115

Gauge type
G = Low profile integrated gauge bar/PSI
J = Low profile integrated gauge bar/PSI
with pressure range indicators
Q = Round gauge bar/PSI
0 = No gauge port
P = Port Plate Rc 1/8

(1) Conforms to ISO standards 1179-1.
(2) If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asco.com).

All leaflets are available on: www.asco.com
Dimensions: mm
Dimensional Drawing - 651/652/653 Series Shut-Off Isolation Valve

Cross Section - 651/652/653 Series Shut-Off Isolation Valve

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<th>L</th>
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<td>38</td>
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