VAREC 42 SERIES SAMPLING AND GAUGING HATCH COVERS

Lockable covers designed to provide quick access to tanks for product gauging, temperature measurement and sampling.

**FEATURES**

- Non-sparking design.
- Corrosion resistant 356 HT aluminum construction as standard.
- Choice of NBR, PTFE and FKM seat inserts.
- Lockdown device allows for a gas-tight seal up to 3 psig (20.7 kPa).
- Ergonomically friendly handwheel with padlock feature to prevent unauthorized tank access.
- Safety foot pedal frees operator’s hands while gauging or sampling the tank contents.
- Once open, the cover can remain open for ease of use.
- Optional steel base available for welding to the tank roof.

**GENERAL APPLICATION**

The 42 Series hatch covers are installed on tanks to provide access for gauging, temperature measurement and sampling.

**TECHNICAL DATA**

- **Materials:** Aluminum (standard)
  Other materials available on request
- **Sizes:** 4” to 10” (100 to 250 mm)
- **Connections:** Drilled flange
VAREC 42 SERIES SAMPLING AND GAUGING HATCH COVERS
SPECIFICATIONS

DIMENSIONS AND WEIGHTS, In. (mm) and lbs. (kg)

<table>
<thead>
<tr>
<th>Size code</th>
<th>4</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4 (100)</td>
<td>6 (150)</td>
<td>8 (200)</td>
<td>10 (250)</td>
</tr>
<tr>
<td>B</td>
<td>5½ (146)</td>
<td>6½ (171)</td>
<td>6½ (171)</td>
<td>7 (178)</td>
</tr>
<tr>
<td>C</td>
<td>9 (229)</td>
<td>11 (279)</td>
<td>13½ (343)</td>
<td>16 (406)</td>
</tr>
<tr>
<td>D</td>
<td>½ (13)</td>
<td>9/16 (14)</td>
<td>9/16 (14)</td>
<td>⅜ (16)</td>
</tr>
<tr>
<td>E</td>
<td>8½ (206)</td>
<td>9½ (241)</td>
<td>10½ (276)</td>
<td>12 (305)</td>
</tr>
<tr>
<td>F</td>
<td>7½ (191)</td>
<td>9½ (241)</td>
<td>11½ (298)</td>
<td>14½ (362)</td>
</tr>
<tr>
<td>G</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>H</td>
<td>¾ (19)</td>
<td>⅞ (22)</td>
<td>⅞ (22)</td>
<td>1 (25)</td>
</tr>
<tr>
<td>Approximate shipping weight</td>
<td>10 (4.5)</td>
<td>12 (5.4)</td>
<td>15 (6.8)</td>
<td>20 (9.1)</td>
</tr>
</tbody>
</table>

Shipping weights shown for aluminum construction. Flange drilling per ANSI 150# flat face flange. Dimensions are for preliminary general information and should not be used for construction purposes. Certified dimensional drawings are available upon request.

MATERIALS OF CONSTRUCTION

<table>
<thead>
<tr>
<th>Base</th>
<th>Cover</th>
<th>Seat insert</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>Aluminum</td>
<td>NBR/FKM/PTFE</td>
</tr>
<tr>
<td>Carbon steel</td>
<td>Aluminum</td>
<td>NBR/FKM/PTFE</td>
</tr>
<tr>
<td>Stainless steel</td>
<td>Stainless steel</td>
<td>NBR/FKM/PTFE</td>
</tr>
</tbody>
</table>

SELECTION GUIDE

Example: 42 4 11 B A
Model:
42 Sampling and gauging hatch - lock down cover
Size:
4 4"
6 6"
8 8"
10 10"
Materials:
11 Aluminum | Aluminum
31 Carbon steel | Aluminum
66 Stainless steel | Stainless steel
Insert material:
B NBR
V FKM
T PTFE
Connection type:
A Flat face flange drilled to ANSI 150 (standard)
W Welded connection (available on carbon steel base only)
D DIN flat face flange

Example: 4" 42 Series sampling and gauging hatch cover, all aluminum with NBR insert with flat face flange drilled to ANSI 150 (standard).