2-WAY BALL VALVE, MANUALLY OPERATED (GAS)

Type: SKA02/SKB02

Description:
- 2-pieces body construction
- full passageway
- SKA02: female thread acc. to EN 10226
  SKB02: female-male thread acc. to EN10226
- short length of body
- blow out safe, spindle mounted from inside
- alloy hand lever
- any installation position

Range of application:
- gas applications: communal gas, methane gas, liquefied gas
- hot and cold water, compressed air, oils, not corrosive liquids, hydrocarbon
- working pressure: for gas max. PN5 (MOP5), for liquid media from PN50 to PN32 (see pressure temperature diagram)
- temperature range: for gas -20°C up to +60°C, for liquid media: -20°C up to +130°C (see pressure temperature diagram)

Comments:
Better protection against unintended disengagement of the spindle and the sealing by a blow out protection. No accidental damage from outside possible.

Threads according to EN 10226: It describes the threaded connection of a conical male thread (R) with a parallel female thread (Rp).

CV value: The CV values are suitable for gaseous media.

The ball valves can be sealed on request (without DVGW certificate).

<table>
<thead>
<tr>
<th>pos.</th>
<th>part</th>
<th>standard material</th>
<th>optional material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>body</td>
<td>CW617N nickel plated</td>
<td>E</td>
</tr>
<tr>
<td>2</td>
<td>connector</td>
<td>CW617N nickel plated</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>ball</td>
<td>CW614N chrominum plated</td>
<td>F</td>
</tr>
<tr>
<td>4</td>
<td>seat sealing</td>
<td>PTFE</td>
<td>T</td>
</tr>
<tr>
<td>5</td>
<td>spindle</td>
<td>CW614N</td>
<td>-</td>
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<tr>
<td>6</td>
<td>sealing for spindle</td>
<td>PTFE</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>o-ring</td>
<td>HNBR</td>
<td>H</td>
</tr>
<tr>
<td>8</td>
<td>handle</td>
<td>alloy, yellow</td>
<td>-</td>
</tr>
<tr>
<td>9</td>
<td>self-locking nut</td>
<td>galvanized steel</td>
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</table>

Notes on the order code, see the end of the data sheet. An overview of the entire material of a key product group, see the catalog at the beginning of each chapter.

Options:
- HS: steel hand lever
- FL: butterfly handle
- LD: lock device
- OF: free of oil and grease
- SF: free of silicone
2-WAY BALL VALVE, MANUALLY OPERATED (GAS)

**Type:** SKA02/SKB02

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**Order information:**

1: **type**
   - SKA02 (female thread)
   - SKB02 (female-male thread)

2: **connection size:** 04-09 (see table)

3: **materials:**
   - 1. digit: body material (brass nickel plated)
   - 2. digit: sealing for spindle (HNBR)
   - 3. digit: ball material (brass chromium-plated)
   - 4. digit: seat sealing (PTFE)

4: **options** (see "options")

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**CV value:** The nominal flow rate CV was measured with gaseous media.

**Pressure temperature diagram**

The pressure temperature diagram refers to the ball valve of this type. If your application has strong temperature variations, you may need additional options like a relief well, to meet the figures. Please tell us your temperature variations with your order.

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**Sizes:**

<table>
<thead>
<tr>
<th>Match code</th>
<th>Size</th>
<th>Nominal pressure</th>
<th>Nominal size</th>
<th>L [mm]</th>
<th>H [mm]</th>
<th>B [mm]</th>
<th>Thread depth [mm]</th>
<th>CV* [m³/h]</th>
<th>Weight [kg]</th>
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<tbody>
<tr>
<td>SKx02-04EHFT</td>
<td>1/2</td>
<td>PN50 - MOP5</td>
<td>15</td>
<td>59.5</td>
<td>67</td>
<td>42</td>
<td>95</td>
<td>15</td>
<td>16.45</td>
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<td>77.5</td>
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<td>89</td>
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<tr>
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<td>PN50 - MOP5</td>
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<td>136.5</td>
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Errors and changes excepted. Revision: 01/2011-002