**CAM30-MT multitrim production choke**

Adapt to multiple trim types

**Where it is used**
With its ability to easily be configured for multiple applications and evolving field conditions, the CAM30-MT multitrim production choke is an all-inclusive choke solution for production and injection applications in conventional and unconventional operations.

**How it works**
The CAM30-MT choke has a modular design easily adapted for multiple trim types and either manual or actuated operation. Constructed with solid tungsten carbide, the CAM30-MT choke can resist wear and erosion commonly found in both conventional and unconventional production environments.

**Key features**
- Up to 10,000-psi pressure rating as standard
- Standard flange and end connection options for both API and ASME connection types
- Alternative end connections and dimensions available
- API Spec 6A material classes EE, FF, and HH
- API Spec 6A temperature classification over full range L–U
- API Spec 16C classification for choke and kill systems
- Does not require technician to replace stem and packing when replacing worn trim

**Standard trims**
- Needle and seat (N&S)
  - 2-in diameter: 120 Cv
- External floating sleeve (FS)
  - 1.625-in equivalent orifice: 60 Cv
  - 1.00-in equivalent orifice: 23 Cv
  - 0.72-in equivalent orifice: 12.5 Cv
- Plug and cage (P&C)
  - 2.4-in equivalent orifice: 125 Cv
- Positive beans

[Images of CAM30-MT choke with different trim types]
Actuation options
- Manual handwheel
- Electric, pneumatic, or hydraulic actuation
- Wired or SCADA wireless remote control
- Control and position feedback via 4–20 mA or multiple other protocols

Spares and maintenance
- Spares: trim kits, seal kits, replaceable needle tips
- Manual: actuation conversion kits
- N&S: FS cage trim conversion kits
- Conversion from positive to adjustable and vice versa

Specifications

<table>
<thead>
<tr>
<th>API flanges sizes, in</th>
<th>Max. working pressure (gauge), psi</th>
<th>Dimensions, in [mm]</th>
<th>Weight, lbm [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Outlet</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>2.56</td>
<td>2.56 [API 10000]</td>
<td>10,000</td>
<td>11.75 [298.45]</td>
</tr>
<tr>
<td>2.06</td>
<td>2.0625 [API 5000]</td>
<td>5,000</td>
<td>11.38 [289.052]</td>
</tr>
<tr>
<td>4.13</td>
<td>4.13 [API 5000]</td>
<td>5,000</td>
<td>11.5 [292.1]</td>
</tr>
</tbody>
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† Dimensions listed ±0.12 in (3 mm).