Mini Ball Valve

COMPONENTS • MANUFACTURING • ASSEMBLY • TESTING

Valex

Mini Ball Valve
Mini Ball Valve

Product Description

- Size Range: 1/4" – 3/4"
- Pressure Rating: 1000 PSIG (69 BARG)
- Temperature Range: -20°F to 450°F (-29°C to 232°C)

Features & Benefits

- 2-Piece Design
- Panel mount capability
- 100% Helium leak tested to 1 x 10⁻⁷ atm • cc/sec
- Cleaned for Oxygen Service (CFOS)
- High cycle life performance
- Full port I.D. for minimum flow turbulence
- Inspected to meet Valex quality standards, and comes with a Certificate of Compliance to Valex specification SP-9229
- Nitrogen-purged and double polyethylene bagged
- ISO Class 5 cleanroom assembled, tested & packaged
- Lock-out bracket option available

Flow Coefficient

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>Flow Orifice</th>
<th>Cv¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>0.180&quot;</td>
<td>2.9</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>0.305&quot;</td>
<td>9.0</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>0.402&quot;</td>
<td>16.3</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>0.620&quot;</td>
<td>41.2</td>
</tr>
</tbody>
</table>

¹ Flow coefficient data calculated using methods described in Crane Technical Paper TP-410.
Valex mini ball valve is suitable for inert gas, instrument air, and a wide range of industrial high purity applications.
Ordering Information

**M - STR 08 CC XX XX**

**M**
Valve Series
M = Mini Ball Valve

**STR**
Assembly Pattern
STR = Straight

**0 8**
Main Line Size
04 = 1/4"
06 = 3/8"
08 = 1/2"
12 = 3/4"

**CC**
Main Line End Connection
CC = Compression Fitting Inlet & Outlet
CP = Compression Fitting Inlet, Compression Fitting Outlet w/ Plug

**XX**
Branch Valve Size
XX = No Branch Valve(s)

**XX**
Connection On Branch Valve(s)
XX = No Branch Valve(s)

(Optional)
Valve Lockout Device
Blank = No Lockout Device Installed
L = Lockout Device Installed

---

Valex Corporate Offices & Manufacturing

6080 Leland Street
Ventura, CA 93003
United States of America
Phone: 805-658-0944

6080 Leland Street
Ventura, CA 93003
United States of America
Phone: 805-658-0944

32 Hansan-gil
Cheongbuk-eup
Pyeongtaek-si, Gyeonggi-do
Republic of Korea
Phone: 82-31-683-0119

277-358 Zhonggang Road
Xitangqiao Street
Haiyan Economic Development Zone
Zhejiang Province, P.R. China 314305
Phone: 86-573-86868221