s.84 EN331
full port 1/4" - 4"
hot forged brass ball valves

Quality:
• 24h 100% seal test guaranteed
• Dual sealing system allows valve to be operated in either direction making installation easier
• No metal-to-metal moving parts
• No maintenance ever required
• Handle clearly shows ball position
• Silicone-free lubricant on all seals
• Travel stops on body to avoid stresses at stem
• Chrome plated brass ball for longer life with rinse hole

Threads:
• EN 10226-1, ISO 228 parallel female by female threads

Flow:
• Full port to DIN 3357 for maximum flow

Handle:
• Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection

Body:
• Hot forged sand blasted external nickel plated brass body and cap sealed with Loctite® or equivalent thread sealant
• Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications

Stem:
• Blowout-proof nickel plated brass stem
• Two FPM O-rings at the stem for maximum safety

Sealing:
• Pure PTFE self-lubricating seats with flexible-lip design

Working Pressure and Working Temperature:
• 40 Bar (600 PSI) up to 2", 30 Bar (450 PSI) over 2" non-shock cold working pressure
• -40°C (-40°F) / +170°C (+350°F)
• For use with dangerous fluids temperature rating is -20°C / +60°C and pressure rating is 5 bar
• AS4617 Limitation for GAS: 2100 Kpa up to 2" and 1500 Kpa from 2.1/2" to 4" rated working pressure and 0°C / +60°C temperature
• WARNING: freezing of the fluid in the installation may severely damage the valve

Options up to 2” size:
• Stem extension
• T-handle
• AISI 430 stainless steel handle
• Taper male by parallel female threads up to 4"
• Oval lockable handle up to 2”, round over 2”
• Patented locking device for valves up to 4”

Upon Request:
• AISI 316 stainless steel ball
• Glass filled PTFE seals
• Custom design

PED Directives:
• Assessment according to Pressure Equipment Directive 2014/68/UE module B+D by Pascal (1115)
Approved by or in compliance with:

- The Australian Gas Association (Australia)
- Factory Mutual (United States)
- SVGW (Swiss)
- Water Regulations Advisory Scheme (United Kingdom)
- GOST-R (Russia)
- Hygiene and epidemic center in Moscow city (Russia)
- UkiSepro (Ukraine)
- BSI Group (United Kingdom)
- RoHS Compliant (EU)
- DIN-DVGW (Deutschland)
- EAC - Declaration of conformity (Russia-Kazakhstan-Belarus)

NOTE: Approvals apply to specific configurations/sizes only.

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4. Stem configuration of valves over 2” is slightly different.

<table>
<thead>
<tr>
<th>Part description</th>
<th>Q.ty</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel plated body (external nickel plated, unplated inside up to 2”)</td>
<td>1</td>
<td>CW617N</td>
</tr>
<tr>
<td>Chrome plated ball with rinse hole (read rinse hole on sizes from 3/4” up to 2”)</td>
<td>1</td>
<td>CW617N</td>
</tr>
<tr>
<td>Nickel plated end-cap (external nickel plated, unplated inside up to 2”)</td>
<td>1</td>
<td>CW617N</td>
</tr>
<tr>
<td>Nickel plated stem O-ring design</td>
<td>1</td>
<td>CW617N</td>
</tr>
<tr>
<td>Geomet® nut</td>
<td>1</td>
<td>CB4FF</td>
</tr>
<tr>
<td>O-Ring</td>
<td>2</td>
<td>FPM</td>
</tr>
<tr>
<td>Yellow PVC coated Geomet® steel handle</td>
<td>1</td>
<td>DD11</td>
</tr>
</tbody>
</table>

A54617 Limitations for GAS: 2100 Kpa up to 2” and 1500 Kpa from 2.1/2” to 4” rated working pressure and 0°C +60°C temperature

Ask for additional information on the whole range of RuB valves and consult with your supplier for special applications.

Ball valves are marked CE on handle from 1.1/4” to 2”, on body over 2” as follow: CE 1115 cat IIIB+D PS: 5 GAS TS1: -20°C TS2: +60°C

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