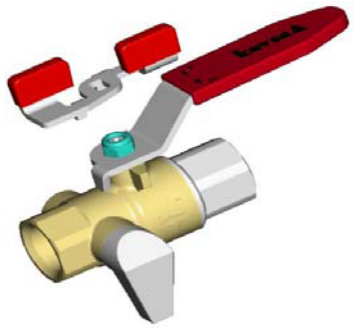
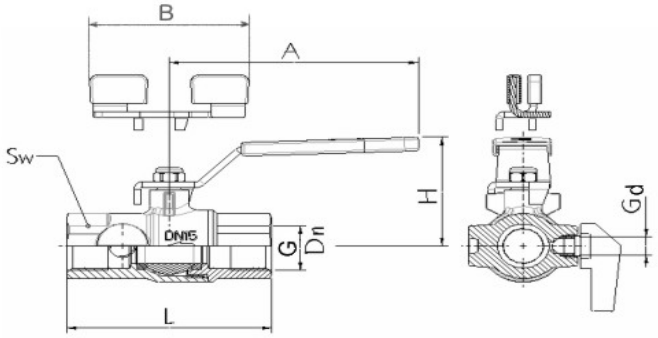
# Ball Valve with drain cock and plug
## with steel lever or steel locking handle

Data sheet for
**KV 402-KV 402M**
Issue 0607






| Figure | Dimension: | PN | DN | G | Gd | L | A | H | B | Sw |
|---|---|---|---|---|---|---|---|---|---|---|
| KV 402 | 1/2" | 40 | 15 | 1/2" | 1/8" | 75 | 90 | 46 | | 26 |
| KV 403 | 3/4" | 40 | 20 | 3/4" | 1/8" | 80 | 90 | 50 | | 32 |
| KV 404 | 1" | 40 | 25 | 1" | 1/8" | 90 | 135 | 66 | | 41 |
| KV 405 | 1-1/4" | 40 | 32 | 1-1/4" | 1/8" | 110 | 135 | 69 | | 50 |
| KV 402M | 1/2" | 40 | 15 | 1/2" | 1/8" | 75 | | 43 | 58 | 26 |
| KV 403M | 3/4" | 40 | 20 | 3/4" | 1/8" | 80 | | 46 | 58 | 32 |
| KV 404M | 1" | 40 | 25 | 1" | 1/8" | 90 | | 62 | 83 | 41 |
| KV 405M | 1-1/4" | 40 | 32 | 1-1/4" | 1/8" | 110 | | 65 | 83 | 50 |

**Dimensions (mm)**

**Design**

| | |
|---|---|
| Body: | pressed brass acc. EN 12420, nickel platted |
| Connection: | pressed brass acc. EN 12420, nickel platted |
| Ball: | pressed brass, chrome platted |
| Ball seals: | PTFE |
| Spindle: | brass |
| Spindle seals: | NBR 70 ShA |
| Handle drain cock: | PVC |
| Lever or locking handle: | steel with red plastic cover |

**Connections**

Connections: Female thread acc. ISO 228

**Operating data**

| | |
|---|---|
| Maximum pressure | 40 bar |
| Maximum temperature | 90˚C (short period 110˚C) |
| Minimum temperature | -10˚C |

**Application**

It's used in water installations as open-closed element. It's also used in the central heating systems, energy systems, construction engineering and mechanical engineering. Pressure gauge (G) can be used for drain. We use it in all places where we expect durability even if we exceed working conditions.

**Instruction for assembly and maintenance**

Use spinning material, Teflon ribbon, sealing paste to seal the connection between the pipe and ball valve. Screw pipe end into end connections with suitable assembly tool (Sw) not to exceed the maximum torque moment. We recommend the valve use in fully open or closed, not in mid positions. At least twice per year manouver the valve.

We reserve the right to make modifications in line with progress in engineering.

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