R.K. Instruments & Controls

TECHNICAL DATASHEET

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Gas Ball Valve

Brand: R.K. Instruments & Controls | Category: MANUAL BALL VALVES

Specifications

Type	**Full Bore Manual Ball Valve, Lever Operated**
Application	**Manual isolation valve for gas lines & gas trains**
End Connections	**Female BSP Threaded (both ends)**
Body Material	**Nickel-plated Brass (CW617N)**
Ball Material	**Chrome-plated Brass (CW614N / CW617N)**
Seat Material	**PTFE**
Sealing	**NBR + Viton® O-rings**
Lever	**Varnished Steel (1/4"–2") / Aluminium (2½"–4")**
Gas Working Pressure	**5 bar (1/4"–2") up to 18 bar (2½"–4") — see table**



Description

A lever-operated, full bore brass ball valve supplied by R.K. Instruments & Controls for manually isolating gas lines and gas trains. The nickel-plated brass (CW617N) body houses a chrome-plated brass ball on a PTFE seat, sealed with NBR and Viton® O-rings, giving reliable shut-off across a wide temperature range. Female BSP threaded both ends, available across the full 1/4" to 4" (DN8 to DN100) size range — see the size, gas pressure rating and materials-of-construction tables below for the exact specification at each size.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.