



#### DESCRIPTION

A cutaway gate valve with 2"/DN50 inlet port, for studying the internal construction and operation of an industrial gate valve.

Gate valves use a round or rectangular gate with planar surfaces to adjust flow. The gates are actuated by a hand wheel with either rising or non-rising stems. Gate valves are typically used for on-off application, where flow control is not required. When open, gate valves introduce very low losses and so are ideal for these types of applications.

The CVA-GA range of cutaway gate valves uses new industrial gate valves that are cut away to clearly show the inlet, outlet, gate, actuator and seals, allowing students to easily visualise valve operation and identify the main valve components.

#### LEARNING OBJECTIVES

- Internal construction of an industrial gate valve
- Identify the main parts of an industrial gate valve
- Operation of an industrial gate valve
- Maintenance of an industrial gate valve



Gate Valve Gate and Seat Rings

**TECHNICAL SPECIFICATION**

New industrial disc check valve for real industrial training

Cast iron valve body

2"/DN50 inlet port

Handwheel with non-rising stem

Mounted on coated aluminium base for tabletop mounting

Cutaway section to show all main valve components and valve operation

All gaskets and seals area shown

Colour coded with red body, blue wetted surfaces and black cut section to clearly show valve construction

Supplied with reference material

**ALTERNATIVE PRODUCTS**

CVA-GA30 3"/DN80 Cutaway Gate Valve

CVA-GA40 4"/DN100 Cutaway Gate Valve

DVA-GA20 2"/DN50 Gate Valve Assembly Kit

CVA-GA15 1.5"/DN40 Cutaway Gate Valve

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