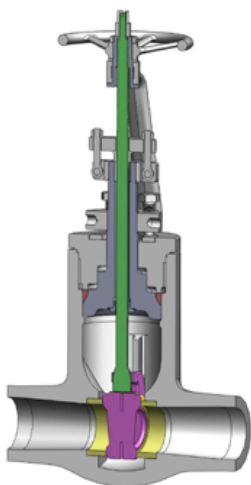


Gate Valve

Gate valves vertically partition the path of the fluid using a gated structure, creating a straight-line flow of fluid. Although these valves keep pressure loss and fluid resistance at a low level, they can only be used for on-off applications.



Specifications

We use different materials for the valve casing according to the nominal diameter:

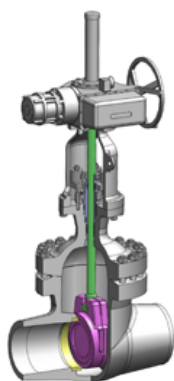
- 65 mm and above · · · Cast steel
- 50 mm and below · · · Forged steel

Name	Gate Valve
Body Material	ASTM, ASME, JIS. Cast Steel / Forged Steel Carbon Steel, 1Cr0.5Mo Steel, 2.5Cr1Mo Steel, Stainless Steel, 9Cr1Mo-V Steel, etc.
Fluid	Water, Steam, Gas, Oil, etc.
Pressure Class, Size(Standardized)	Class 150 - 2500: - 600 mm Class 3500: - 400 mm Class 4500: - 300 mm
Connection Form	Socket weld, butt weld, flanged*
Operation Method	Manual (including the type with a manual reduction gear), electric

*For valves with flanged connection, indicate the surface shape (raised face, flat face, etc.) for each flange standard (ASME, JIS, etc.)

• The above specifications are for standard products. Please inquire for other specifications..

RRP discharge valve



Gate valves allow for various applications and are thus used in a wide range of fields. At Okano, we also manufacture valves that meet highly specialized requirements.

The reactor recirculation pump (RRP) discharge valve is a foremost example. This is a type of gate valve with an array of unique structural features, including one that reduces valve operation time to enable rapid closure in the event of an emergency.