

GATE VALVE

# Sampling Double Disc Gate Valve

REF **EFC-517** ISSUED 07 Jul 2026

## SPECIFICATIONS

Size	<b>DN25 to DN600</b>
Pressure	<b>PN16 to PN420</b>
End connection	<b>flanged (ASME B16.5) / flanged (GB/T 9113) / butt weld (ASME B16.25) / butt weld (GB/T 12224)</b>
Face-to-face	<b>ASME B16.10, GB/T 12221</b>
Temperature	<b>-46°C to 550°C</b>
Media	<b>acidic media, alkaline media, chemical process fluids, pharmaceutical process fluids, food processing fluids</b>



## ACTUATION

- manual
- pneumatic
- electric

## STANDARDS

Design	<b>API 600, GB/T 12234</b>
Test	<b>API 598, GB/T 26480</b>

## APPLICATIONS

- Industrial sampling
- Chemical processing
- Pharmaceutical processing
- Refining
- Food processing
- Reactor sampling under crystallisation conditions
- Frequent chemical analysis of media

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

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Body **Carbon Steel, Stainless Steel, Alloy Steel**

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## FEATURES

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- Double-gate structure with independent sealing system per gate for complete medium isolation during sampling
- Bidirectional sealing in both forward and reverse directions to prevent backflow
- Body and key components constructed from corrosion-resistant materials suitable for acidic and alkaline environments
- Available with manual, pneumatic, or electric actuation
- Stable sampling flow to minimise media fluctuation
- Compact structure designed for ease of disassembly and maintenance

## OPTIONS & NOTES

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- Operator options listed as 'Manual, Pneumatic, Electric, etc..'