

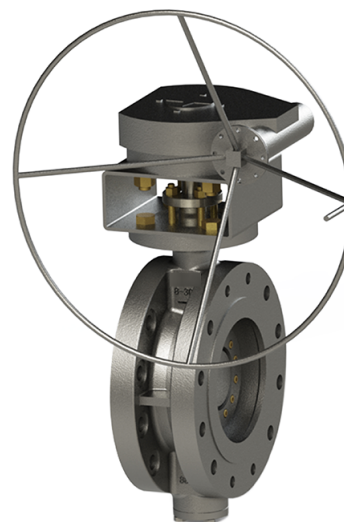
BUTTERFLY VALVE

# Double Eccentric Butterfly Valve

REF **EFC-475** ISSUED 07 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1600</b>
Pressure	<b>PN10 / Class 150 to PN100 / Class 600</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47) / flanged (EN 1092) / flanged (GOST 33259) / flanged (GB/T 9124)</b>
Face-to-face	<b>API 609, ISO 5752, EN 558</b>
Temperature	<b>-46°C to 200°C</b>
Media	<b>water, gas, food industry fluids, pharmaceutical fluids, chemical fluids, petroleum fluids, power industry fluids, light textile industry fluids, paper-making industry fluids</b>



## ACTUATION

- manual
- pneumatic
- electric

## STANDARDS

Design	<b>ASME B16.34, API 609, EN 593</b>
Test	<b>API 598, ISO 5208, EN 12266-1, GOST 9544</b>

## APPLICATIONS

- Water supply and drainage pipelines
- Gas pipelines
- Food industry
- Pharmaceutical industry
- Chemical industry
- Petroleum industry
- Electric power industry
- Light textile industry

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

- Paper-making industry

## MATERIALS

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

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## FEATURES

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- Single elastic valve seat sealing structure achieves dynamic sealing through system pressure
- Bidirectional leak-free sealing capability
- Lip-edge sealing design compensates for temperature and pressure changes
- Double eccentric disc design eliminates contact between valve seat and disc during opening and closing, removing wear at upper and lower seat ends during frequent operation
- Reduced operating torque due to double eccentric structure
- Shaft fly-prevention step at top prevents upper shaft from exiting the valve cover in case of accident
- Valve seat replaceable by removing pressure plate only, without disassembling disc and shaft
- Combines flow shut-off and control functions
- Flow characteristic curve follows geometric ratio change
- Wide adjustment range; tight seal maintained during control operation
- Sealing achieved without additional sealing rings or metal components
- Spherical arc sealing surface on valve disc
- Small volume and light weight
- Wide manufacturing size range

## OPTIONS & NOTES

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