

GATE VALVE

# Casting steel female thread gate valve

REF **EFC-38** ISSUED **05 Jun 2026**

## SPECIFICATIONS

Size	<b>1/2"-4"</b>
Pressure	<b>200 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>null°C to null°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual handwheel (screw lift) — Gate lifted by screw mechanism

## APPROVALS & CERTIFICATIONS

- ISO9001:2015 (Quality management system)
- Material test certificate (Material verification)
- ISO 9001:2015 (GB/T19001-2016)
- Quality System Certificate No. ZL2931912260268263, valid March 28, 2023 to March 27, 2026

## APPLICATIONS

- oil
- gas
- water
- acid liquid pipelines



**MATERIALS**

body	<b>Stainless Steel</b>	bonnet	<b>Stainless Steel</b>
disc	<b>Stainless Steel</b>	body sealing	<b>Polymer</b>
sealing surface overlay options	<b>Stainless Steel, Stellite/Cobalt Alloy</b>		

**FEATURES**

- Gate plate movement perpendicular to fluid flow direction; fully open/closed operation only, no throttling
- Low flow resistance due to straight-through medium channel
- Medium can flow in either direction; symmetrical passage
- PTFE packing for stem sealing
- Sealing surface overlay options: 1Cr13, STL6, stainless steel for wear resistance
- Precision casting valve body; internal geometry allows sealing without finishing
- Long opening and closing stroke; screw-driven gate lifting reduces water hammer risk
- Compact structure with short face-to-face length
- Stainless steel and cemented carbide sealing surface options
- Stainless steel body with red cast handwheel
- Female threaded (BSP/NPT) end connections
- Rising stem gate valve design

**OPTIONS & NOTES**

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Products can be made as per ASME, ANSI, DIN, GB, Europe standard and non-standard products as per customers' drawing and samples