

BUTTERFLY VALVE

Stainless Steel PTFE Seat Wafer Butterfly Valve

REF **EFC-309** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1000
Pressure	PN10–PN16
End connection	wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)
Face-to-face	API609, DIN3202, ISO5752, BS5155
Temperature	-30°C to 135°C
Media	chemicals, air, water, steam, oil, acids, salts

STANDARDS

Design	API609, ANSI16.34, JISB2064, GB T12238
Test	API598

APPROVALS & CERTIFICATIONS

- Lloyd's Register (LR)
- ECM (Ente Certificazione Macchine)
- ISO
- EAC
- CE
- Bureau Veritas
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product

APPLICATIONS

- Municipal water supply
- Industrial water circulation
- HVAC systems
- Wastewater treatment



MATERIALS

body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel	seat	Elastomer, Fluoropolymer, Fluoroelastomer
shaft	Stainless Steel, Carbon Steel	disc	Stainless Steel, Ductile Iron
pin	Stainless Steel	bushing	Fluoropolymer, Copper Alloy
o ring	Elastomer	stem	Stainless Steel, Carbon Steel

FEATURES

- Compact wafer-type body for installation between standard flanges
- PTFE seat for chemical resistance
- Low torque operation
- ISO5211 top flange for actuator mounting
- Available in multiple body and seat material combinations
- Wafer-style body with lug ears for pipeline installation
- PTFE seat/liner visible as white ring in body bore
- Lever handle with notched position bracket (positions marked 1–8 plus OPEN/CLOSE)
- Stainless steel stem with top and bottom stub-shaft configuration (parts 1–7 visible in sectional drawing)
- Body cast marking DN100 and CF8 (stainless steel grade CF8 / AISI 304)
- Pressure rating marking 150 Lb visible on stem neck
- Flanged drilling dimensions tabulated for PN10, PN16, ANSI 150 and JIS 10K standards

OPTIONS & NOTES

- Products hold up to 10 international authoritative certification certificates

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SECTION Technical drawing REF EFC-309

