

BUTTERFLY VALVE

Cast Iron Wafer Butterfly Valve

REF **EFC-255** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1000
Pressure	PN10–300LB
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

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

APPLICATIONS

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



MATERIALS

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

FEATURES

- Compact wafer-type body for installation between flanges
- Low operating torque
- Tight sealing mechanism for shut-off and flow regulation
- Top flange to ISO5211 for actuator mounting
- Multiple body, seat, disc, and stem material options
- Wafer-style butterfly valve with lever-lock handle
- Rubber-lined body with stainless steel disc
- Bottom shaft stub visible (double-stub shaft configuration)
- Bolt-through lug pattern with 4-bolt configuration on smaller sizes
- Parts labelled 1–7 in sectional drawing: (1) bottom shaft, (2) body/seat liner, (3) disc, (4) body, (5) upper shaft, (6) packing/gland, (7) top plate/actuator mounting
- Dimension references: C = face-to-face, d0 = shaft diameter, K = ISO 5211 actuator bolt circle, E = actuator bolt hole spacing, z-d = actuator bolt count and diameter, g = actuator flange diameter, h = top flange height, p = bottom shaft stub length, D1 = flange bolt circle diameter, n-Ød1 = bolt count and hole diameter
- Flange drilling to PN10, PN16, ANSI 150, JIS 10K

OPTIONS & NOTES

- Can be customised to meet specific project requirements
- Header listing states DN50–DN1200; specification table states DN50–DN1000

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SECTION Technical drawing REF EFC-255

