

BUTTERFLY VALVE

Two Holes PTFE Wafer Butterfly Valve

REF **EFC-316** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN40–DN1200
Pressure	PN1.0 MPa–PN1.6 MPa
End connection	wafer (ANSI B 16.1) / wafer (EN1092) / wafer (AS2129)
Face-to-face	ANSI B 16.10
Temperature	-45°C to 150°C
Media	corrosive media, treated water, industrial fluids

APPROVALS & CERTIFICATIONS

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

APPLICATIONS

- pipeline construction
- HVAC systems
- industrial water treatment
- municipal water systems



MATERIALS

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

FEATURES

- Compact wafer-style body with dual alignment holes for installation between flanges
- PTFE lining providing chemical resistance
- Eccentric structure to reduce seat friction and extend service life
- 90° rotation for rapid open/close operation
- Zero-leakage sealing
- Low-torque disc operation
- Wafer-style butterfly valve with PTFE/full-lined seat (white liner visible)
- Lever operated with lockable notched handle
- Shaft options: Round with key, Diagonal square head, Double D head
- Flanged drilling to ANSI 150 and DIN PN10/16
- Parts identified in sectional drawing: 1-body, 2-disc, 3-seat/liner, 4-stem (lower), 5-stem (upper), 6-stem packing/bushing, 7-top plate/flange
- Dimension references: A=overall height, B=body height, C=face-to-face, D=bore diameter, L=stem length above body, d0=stem diameter, P=key width, H=key height, K=upper flange PCD, E=upper flange diameter, z-d=bolt holes count and diameter, g=upper flange bolt PCD, h=upper flange bolt hole diameter, D1=flange OD, n-od1=bolt hole count and diameter

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SECTION Technical drawing REF EFC-316

