

VALVES AND WATER CONTROL

Butterfly Valves

PRODUCT OVERVIEW

A butterfly valve is designed for fluid control; its progressive sealing principle minimizes mechanical wear between the disc and valve seat during opening and closing.



TECHNICAL SPECIFICATIONS

Sealing mechanism	Stainless-steel seat surface, EPDM sealing gasket
Disc movement	The sealing surface separates gradually during opening/closing (prevents mechanical wear)
Flow control	High-precision flow characteristic curve and dynamic adjustment stability
Structural advantages	Easy installation with double flanges; low opening/closing torque with double-eccentric design
Body material	GJS400 (ductile iron)
Seat surface	AISI 316 welded seat
Sealing	100% watertight, excellent O-ring durability
Pressure class	PN10 (design pressure PN10/16)
Operating temperature	-10°C to +90°C
Control methods	Electric actuator, manual gearbox operation
Tests and standards	TS EN 593

Technical values summarise the product family. Options, dimensions and operating limits must be confirmed for the selected model.