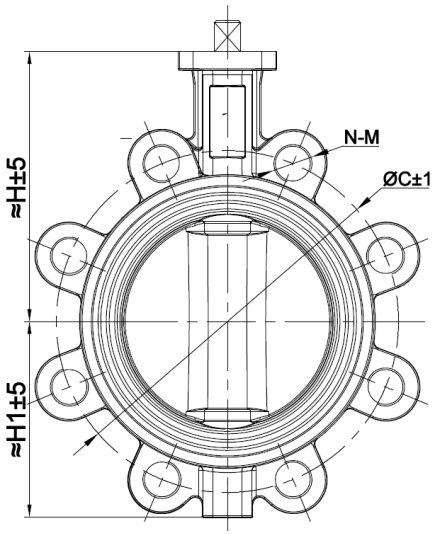
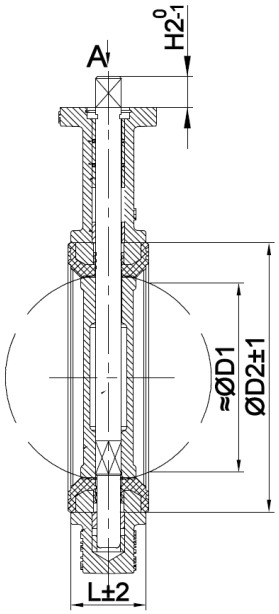
PRODUCT DATASHEET

Lug Type Butterfly Valve

For water, steam, air, oil and light chemicals.

DUCTILE IRON • STAINLESS STEEL • DN40–DN300 • PN16 up to DN200 • PN10 DN200 and larger







Technical features

- Concentric
- Mounting pad: ISO 5211
- Lloyds Register type Approval • TÜV
- Available with lever, gearbox, pneumatic or electric actuator

Technical performance

Design: EN593
Flanges: EN 1092-1
Pressure testing: EN 12266-1
Rating: DN40–200 PN16 / DN200–DN300 PN10
Shell / Seat PN16: 2.4 / 1.8 MPa
Shell / Seat PN10: 1.5 / 1.1 MPa
Gas seat test: 0.6 MPa
Temperature: −20°C to +120°C
Coating: RAL5026, 250 µm

Materials

Part	Material
Body	EN-GJS-400-18-LT / JS1025 Ductile iron
Stem	17-4PH / 1.4542 Stainless Steel
Disc	CF8M / 1.4401 Stainless Steel
Seat	EPDM
O-ring	EPDM
Shaft Sleeve	PTFE
Pin	AISI 316
Lockable handle	Aluminum
Gearbox option (1)	Ductile Iron IP65
Gearbox option (2)	Ductile Iron IP67

Valve specifications

DN	PN	D (mm)	C (mm)	n × d (mm)	L Face to face (mm)	Top Flange	Weight (kg)
40	PN16	150	110	4 × Ø16 (M16)	43	F05 □ 9mm	
50	PN16	165	125	4 × Ø16 (M16)	43	F05 □ 9mm	
65	PN16	185	145	4 × Ø16 (M16)	46	F05 □ 9mm	
80	PN16	200	160	8 × Ø16 (M16)	46	F05 □ 9mm	
100	PN16	220	180	8 × Ø16 (M16)	52	F07 □ 11mm	
125	PN16	250	210	8 × Ø16 (M16)	56	F07 □ 14mm	
150	PN16	285	240	8 × Ø20 (M20)	56	F07 □ 14mm	
200	PN16	340	295	12 × Ø20 (M20)	60	F10 □ 17mm	
200	PN10	340	295	8 × Ø20 (M20)	60	F10 □ 17mm	
250	PN10	395	350	12 × Ø20 (M20)	68	F10 □ 22mm	
300	PN10	445	400	12 × Ø20 (M20)	78	F10 □ 22mm	

PPS International BV • De Zwingel 7B • 4926DC Lage Zwaluwe • The Netherlands
+31 (0)168 712400 • sales@pps-nl.com • www.pps-nl.com