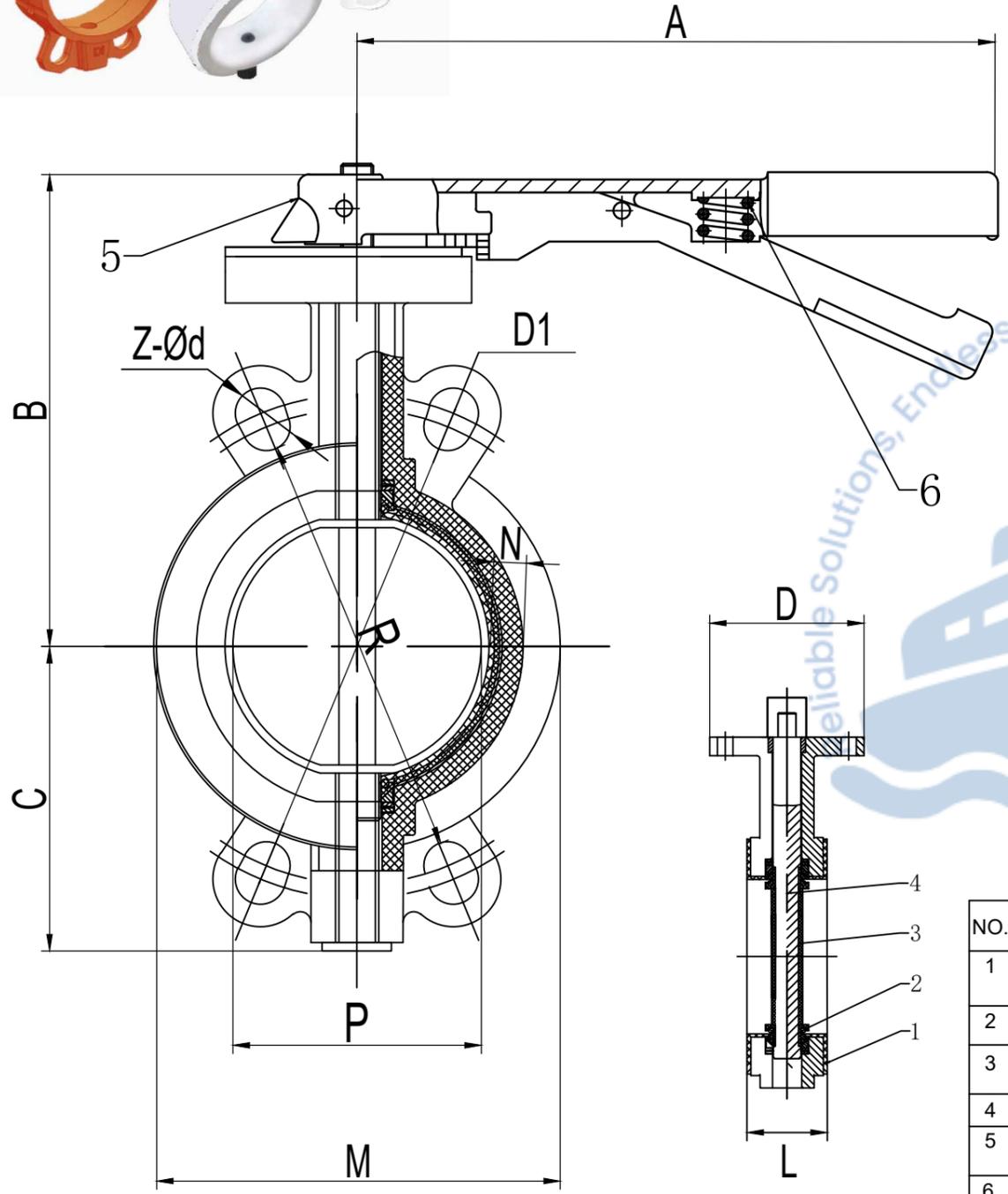


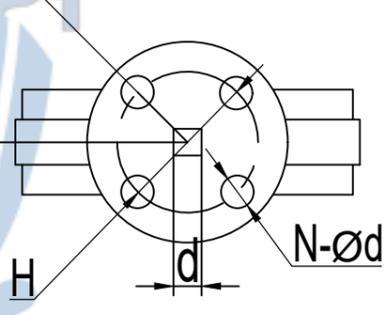
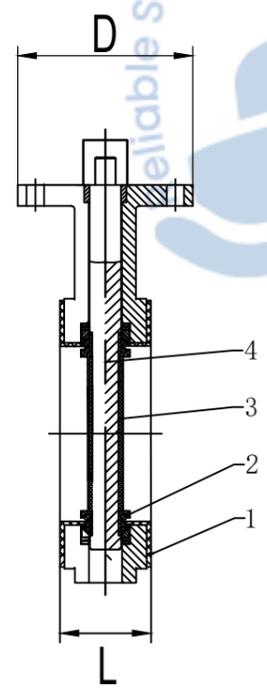
⚠️ * Not suitable for abrasive or high-pressure services.



SIZE	L	PN 16		PN10		ANSI 150		5K		10K		A	B	C	D	M	N	P	R	Weight (Kg) (Approx.)
		D1	Z-Ød	D1	Z-Ød	D1	Z-Ød	D1	Z-Ød	D1	Z-Ød									
DN40	42	110	4-Ø18	110	4-Ø18	98.5	4-Ø15			105	4-Ø19	218	170	72	86	94	14	53	87	2.50
DN50	42	125	4-Ø18	125	4-Ø18	120.5	4-Ø19	105	4-Ø15	120	4-Ø19	218	170	72	86	94	14	53	87	2.50
DN65	45	145	4-Ø18	145	4-Ø18	139.5	4-Ø19	130	4-Ø15	140	4-Ø19	218	180	90	86	110	15	65	112	2.90
DN80	45	160	8-Ø18	160	8-Ø18	152.5	4-Ø19	145	4-Ø19	150	8-Ø19	218	199	99	86	128	17	79	125	3.40
DN100	52	180	8-Ø18	180	8-Ø18	190.5	8-Ø19	165	8-Ø19	175	8-Ø19	254	204	111	100	157	17	104	148	4.60
DN125	56	210	8-Ø18	210	8-Ø18	216.0	8-Ø22	200	8-Ø19	210	8-Ø23	254	218	127	100	184	20	124	181	6.15
DN150	56	240	8-Ø22	240	8-Ø22	241.5	8-Ø22	230	8-Ø19	240	8-Ø23	254	233	137	100	214	20	157	211	7.30
DN200	60	295	12-Ø22	295	8-Ø22	298.5	8-Ø22	280	8-Ø23	290	12-Ø23	368	269	176	152	267	22	202	257	13.50



* Face-to-face dimensions conform to API 609 / EN 558 Series 20
 * Valve drilling compatible with PN10, PN16 (EN 1092-2), ANSI 150 (ASME B16.5), JIS 5K & 10K
 * Actuator mounting pad conforms to ISO 5211
 * DN40 cannot be applied to the 5K standard



SIZE	H	d	N-Ød
DN40	50	9	4-Ø8
DN50	50	9	4-Ø8
DN65	50	9	4-Ø8
DN80	50	9	4-Ø8
DN100	70	11	4-Ø10
DN125	70	14	4-Ø10
DN150	70	14	4-Ø10
DN200	102	17	4-Ø14

NO.	DESCRIPTION	MATERIAL	ASTM STANDARD	EN STANDARD	BS STANDARD
1	Body	Ductile Iron (DI)	ASTM A536 Gr. 65-45-12	EN-GJS-500-7 (GGG50)	BS EN 1563
2	Disc	Polytetrafluoroethylene (PTFE)	ASTM D4895	EN 12086	BS 6564
3	Seat	Polytetrafluoroethylene (PTFE)	ASTM D4895	EN 12086	BS 6564
4	Screw/Fastner	Stainless Steel 316 (SS316)	ASTM F593 Gr. 316	EN ISO 3506-1	BS EN ISO 3506-1
5	Handle/Turbine Unit	Ductile Iron (DI)	ASTM A536 Gr. 65-45-12	EN-GJS-500-7 (GGG50)	BS EN 1563
6	Stem	Stainless Steel 420 (SS420)	ASTM A276 Type 420	EN 10088-1 X20Cr13	BS 970 420S45

General Notes:

- * All dimensions in mm unless specified otherwise.
- * Unspecified tolerances: as per ISO 2768-m.
- * Surface Finish: As cast, unless otherwise specified.
- * Design and manufacture in accordance with API 609.
- * Inspection and hydrostatic testing as per API 598

Description of goods:
 FLOWTEC(UK) Lever Operated PTFE (Seat & Disc) Wafer Type Butterfly Valve PN-16

Revisions			
Date	Changes	Prep. by	Appr. by
xx-xx-xx			

PREPARED BY: CIANNA
 CHECKED BY: WILLIAM
 APPROVED BY: PETER
 DATE: 22-12-2016

PROJECTION: First Angle
SCALE: NTS
SIZE: A 3
SHEET: 1 OF 1
NOMINAL PRESSURE: 1.6Mpa
STRENGTH TEST PRESSURE: 2.4Mpa
SEAL TEST PRESSURE: 1.76Mpa
AIR TIGHTNESS PRESSURE: 0.6Mpa
APPLICABLE TEMPERATURE: (-10°C to 120°C)
AIR SOURCE PRESSURE: 0.4-0.7 Mpa

Note: Otherwise specified, this drawing complies with BS8888:2020 and applicable ISO GPS standards