

SIZE	L	PN 16		A	B	C	D	H	M	N	P	Weight (Kg) (Approx.)
		D1	Z-Ød									
DN40	42	110	4-Ø18	175	131	62	125	159	159	14	53	5.59
DN50	42	125	4-Ø18	175	131	62	125	159	159	14	53	5.59
DN65	45	145	4-Ø18	175	142	69	125	159	178	15	65	6.19
DN80	45	160	8-Ø18	175	150	91	125	159	195	17	79	6.60
DN100	52	180	8-Ø18	170	181	101	125	159	215	17	104	9.68
DN125	56	210	8-Ø18	170	181	114	125	159	244	20	124	11.94
DN150	56	240	8-Ø22	175	212	132	150	159	282	20	157	14.04
DN200	60	295	12-Ø22	260	240	163	145	274	340	22	202	21.80
DN250	68	355	12-Ø26	250	281	196	190	274	405	22	250	31.00
DN300	78	410	12-Ø26	270	320	222	190	274	459	25	302	42.60

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

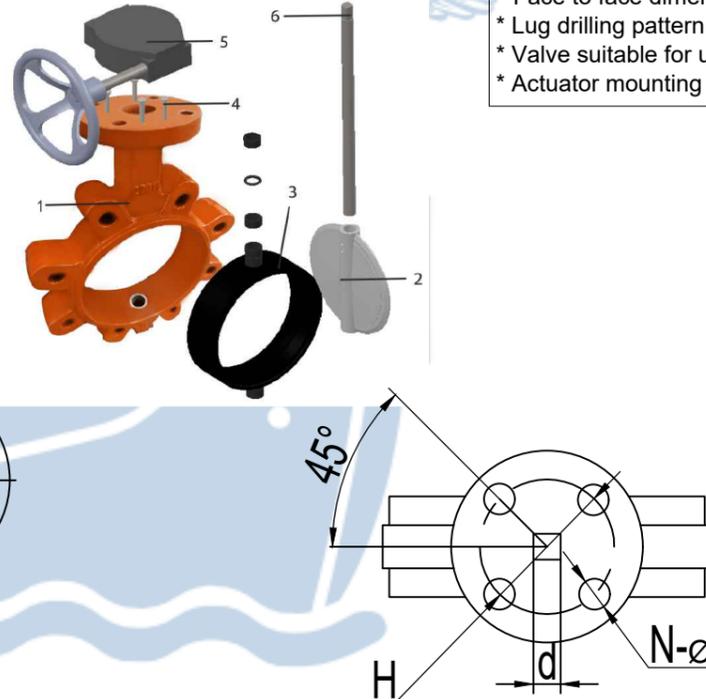
Description of goods:

FLOWTEC(UK) Gear Operated Soft Replacable Seat F/Lugs -Type Butterfly Valve-PN-16

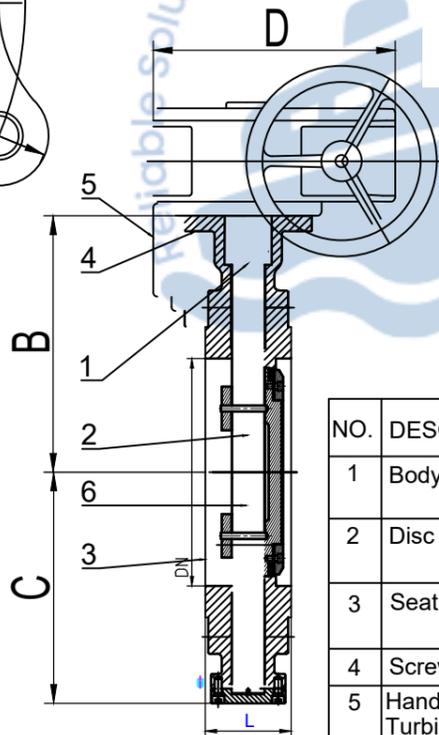
Revisions

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

- * Face to face dimension conform to API 609/EN 558 Series 20
- * Lug drilling pattern as per EN 1092-2 PN16 flange standard.
- * Valve suitable for use with EN 1092-2 PN16 flanges only.
- * Actuator mounting pad conforms to ISO 5211



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
DN250	102	22	4-Ø14
DN300	102	22	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	Cast Stainless Steel (CF3M)	ASTM A351 Grade CF3M	EN 10213 1.4404	BS 3146
3	Seat	Ethylene Propylene Diene Monomer (EPDM)	ASTM D2000	EN 681-1 (WAWB)	BS 2494
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

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



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