tork
valve & automation

fluid under control

ELECTRIC ACTUATED LUG TYPE BUTTERFLY VALVE

(TORK-KV.W1140, EAV-803)



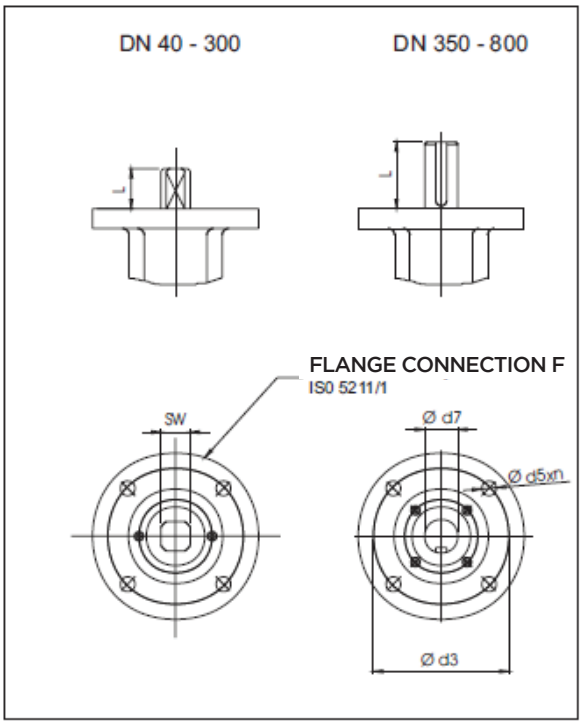
Butterfly Valve Details

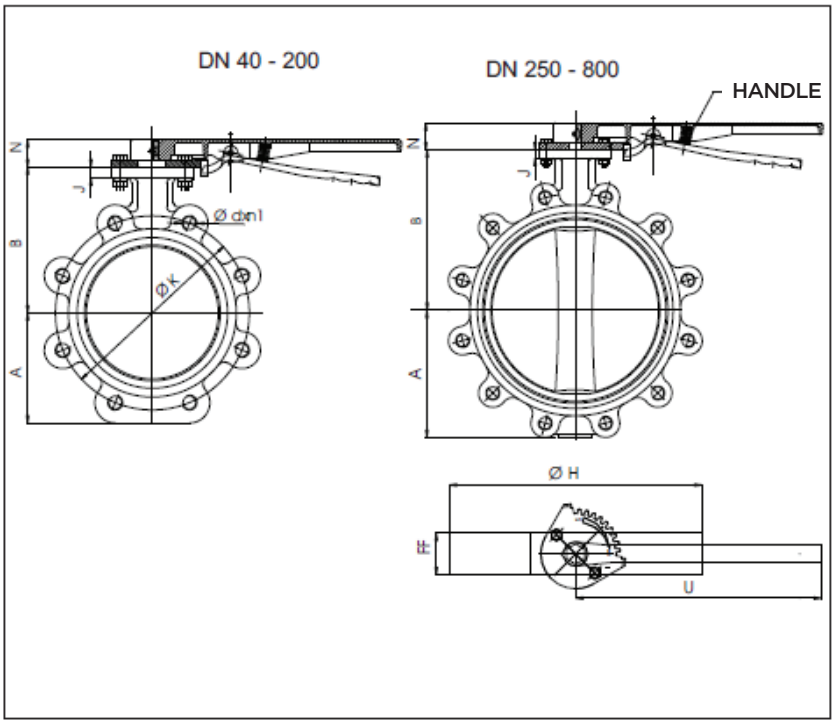
Body	: GG25 epoxy coated
Disc	: 316SS
Material	: Casting
Working Pressure	: PN6, PN10
Flange Connection	: PN 6, PN 10, PN 16, ANSI CL150
Cover Flange	: ISO 5211
Norm	: EN 558-1/20
Test Standard	: EN 12266-1
Valve Type	: Lug
Way	: 2/2
Size	: DN40...DN800
Applications	: • Liquid flow control • For purpose of drain and stopper at the end of the line • Treatment plants
Sealing	: NBR, EPDM, Viton, Silicon

Electric Actuator Details

Type	: On-off, on request proportional (Except TREA40)
Protection Class	: IP67, on request IP68
ATEX Protection Class	: II 2G Ex db IIC T4 GB (on request)
Dehumidification	: 5 W Heater Against Humidity
Working Voltage	: 220VAC, 24VDC, 380VAC (Only On-Off position and from TREA150)
Working Temperature	: -20°C...+70°C (-50°C...80°C)
Torque Range	: 40Nm...1200 Nm
Body	: Aluminium Extrusion
Valve Connection	: Suitable for specified connection dimensions of ISO 5211
Position Indicator	: Open / Close
Alternative Operation	: Manual Handle or on Pcb
On Request Annexes	: Potentiometer Annexes, Current Up to Position Output Annex (4...20 mA), Chargeable Battery Unit, LCU, Flame Proof

BUTTERFLY VALVE SIZES



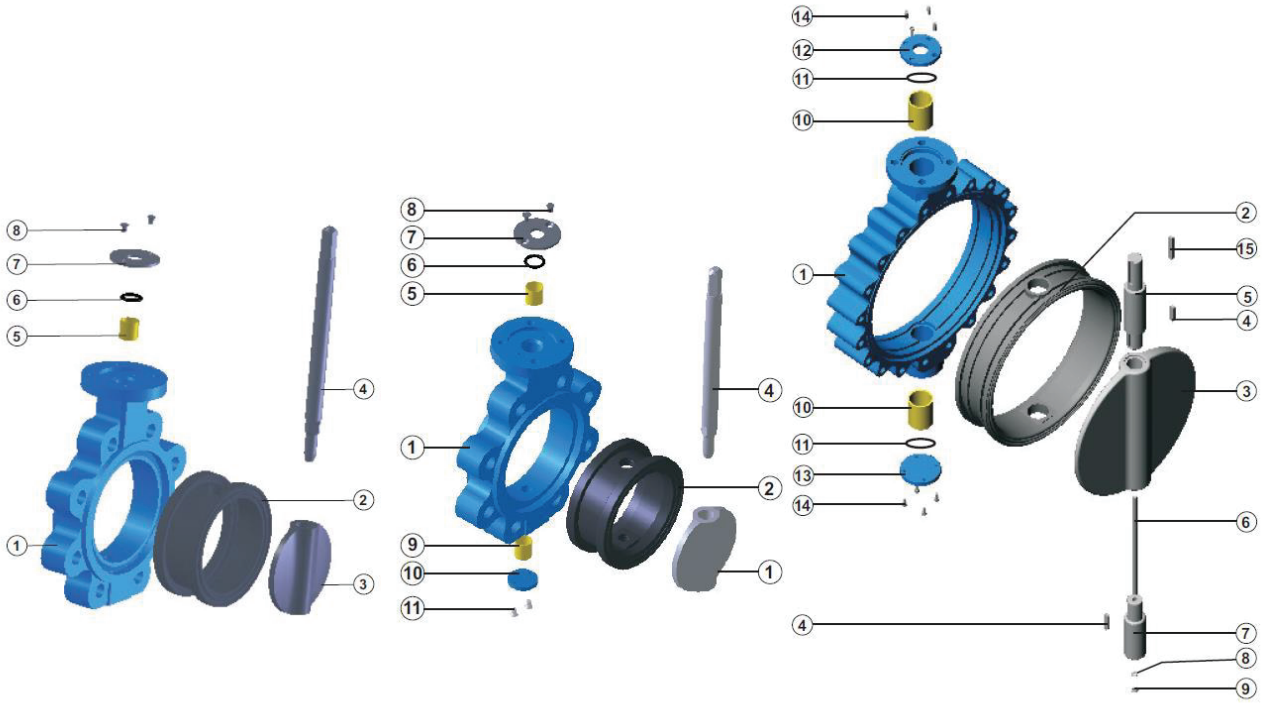


																PN 10			PN 16		
DN	A	B	FF	Ø H	J	M	N	U	W	Ø T	F	Ød5xn	SW Ø d7	L	Ø d3	Ø K	Ø d	n1	Ø K	Ø d	n1
Ø 40	61	96	40	118	13	50	37	220	159	200	05	7x4	□ 9	20	50	110	M 16	4	110	M 16	4
Ø 50	67	108	43	130	13	50	37	220	159	200	05	7x4	□ 9	20	50	125	M 16	4	125	M 16	4
Ø 65	75	127	46	154	13	50	37	220	159	200	07	9x4	□ 11	20	70	145	M 16	4	145	M 16	4
Ø 80	96	132	46	188	14	50	37	260	159	200	07	9x4	□ 14	20	70	160	M 16	8	160	M 16	8
Ø 100	111	155	52	218	14	50	37	260	159	200	07	9x4	□ 14	20	70	180	M 16	8	180	M 16	8
Ø 125	123	158	56	234	14	50	37	260	159	200	07	9x4	□ 14	20	70	210	M 16	8	210	M 16	8
Ø 150	134	185	56	268	14	50	37	350	159	200	07	9x4	□ 17	22	70	240	M 20	8	240	M 20	8
Ø 200	164	213	60	317	15	50	37	350	159	200	07	9x4	□ 17	22	70	295	M 20	8	295	M 20	12
Ø 250	202	245	68	393	15	75	47	400	238	260	10	11x4	□ 22	32	102	350	M 20	12	355	M 24	12
Ø 300	239	282	77	446	15	75	47	400	238	260	10	11x4	□ 27	32	102	400	M 20	12	410	M 24	12
Ø 350	300	318	78/92	513	28	102	-	-	315	400	14	17.5x4	Ø 36	75	140	460	M 20	16	470	M 24	16
Ø 400	326	362	102	570	28	102	-	-	315	400	14	17.5x4	Ø 36	75	140	515	M 24	16	525	M 27	16
Ø 450	364	410	114	632	26	102	-	-	315	400	16	22x4	Ø 45	92	165	565	M 24	20	585	M 27	20
Ø 500	408	435	127	667	26	102	-	-	315	550	16	22x4	Ø 45	92	165	620	M 24	20	650	M 30	20
Ø 600	482	519	154	768	26	102	-	-	315	600	16	22x4	Ø 60	92	165	725	M 27	20	770	M 33	20
Ø 700	543	548	165	900	30	135	-	-	414	700	25	18x8	Ø 68	118	254	840	M 27	24	840	M 33	24
Ø 800	587	587	180/190	1016	30	135	-	-	414	800	25	18x8	Ø 80	118	254	950	M 30	24	950	M 36	24

Butterfly Valve Code : Tork-KV.L1140

Electric Actuated Butterfly Valves Code : EAV-803

BUTTERFLY VALVE MATERIAL



Ø 40 - 200

P. NO	PART NAME	MATERIAL TYPE
1	Body	GG 25, GGG 40-50, GGG 40.3, Al-Bz AISI 316, GS-C25
2	Seat	EPDM, NBR, Viton, Hypalon, Neopren, NR, Silicon
3	Disc	AISI 316, Al-Bz, GGG 40-50, GS - C25, UB 6
4	Shaft	AISI 304, AISI 316, AISI 420
5	Bearing	SB (Carbon Steel + PTFE)
6	O-Ring	NBR
7	Stamp	St - 37, A-2
8	Screw	8.8, A-2

Ø 250 - 300

P. NO	PART NAME	MATERIAL TYPE
1	Body	GG 25, GGG 40-50, GGG 40.3, Al-Bz AISI 316, GS-C25
2	Seat	EPDM, NBR, Viton, Hypalon, Neopren, NR, Silicon
3	Disc	AISI 316, Al-Bz, GGG 40-50, GS - C25, UB 6
4	Shaft	AISI 304, AISI 316, AISI 420
5	Bearing	SB (Carbon Steel + PTFE)
6	O-Ring	NBR
7	Stamp	St - 37, A-2
8	Screw	8.8, A-2
9	Bearing	SB (Carbon Steel + PTFE)
10	Bottom Cap	St - 37
11	Screw	8.8, A-2

O-ring

Ø 350 - 800

P. NO	PART NAME	MATERIAL TYPE
1	Body	GG 25, GGG 40-50, GGG 40.3, Al-Bz AISI 316, GS-C25
2	Seat	EPDM, NBR, Viton, Hypalon, Neopren, NR, Silicon
3	Disc	AISI 316, Al-Bz, GGG 40-50, GS - C25, UB 6
4	Key	C 45 k
5	Upper Shaft	AISI 304, AISI 316, AISI 420
6	Middle Shaft	AISI 304, AISI 316, AISI 420
7	Bottom Shaft	AISI 304, AISI 316, AISI 420
8	Stamp	St - 37, A-2
9	Nut	6.8, A-2
10	Bearing	SB (Carbon Steel + PTFE)
11	O-Ring	EPDM, NBR
12	Upper cap	C 45
13	Bottom Cap	C 45
14	Screw	8.8, A-2
15	Key	C 45 k

TEAV803EN20261030