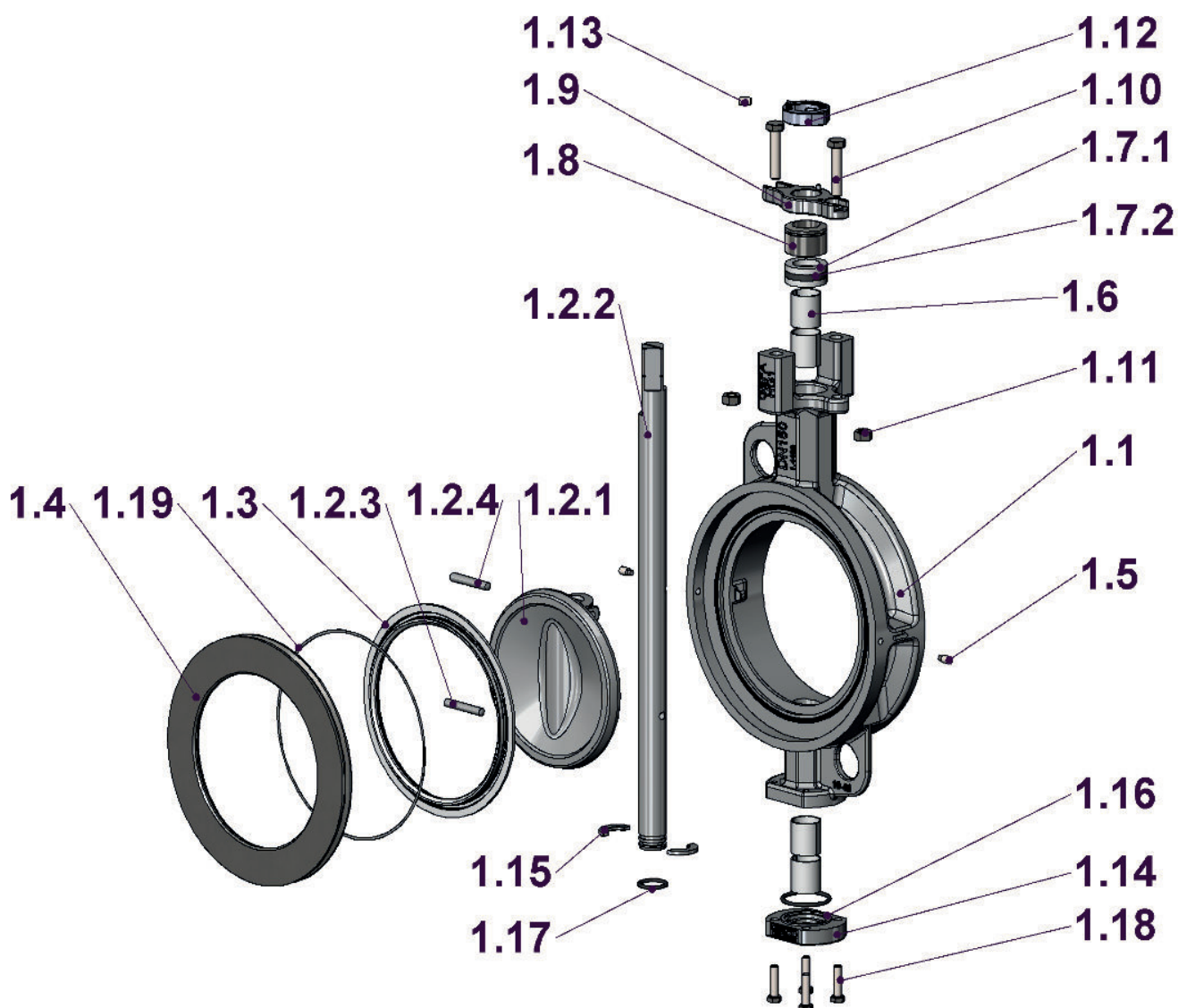


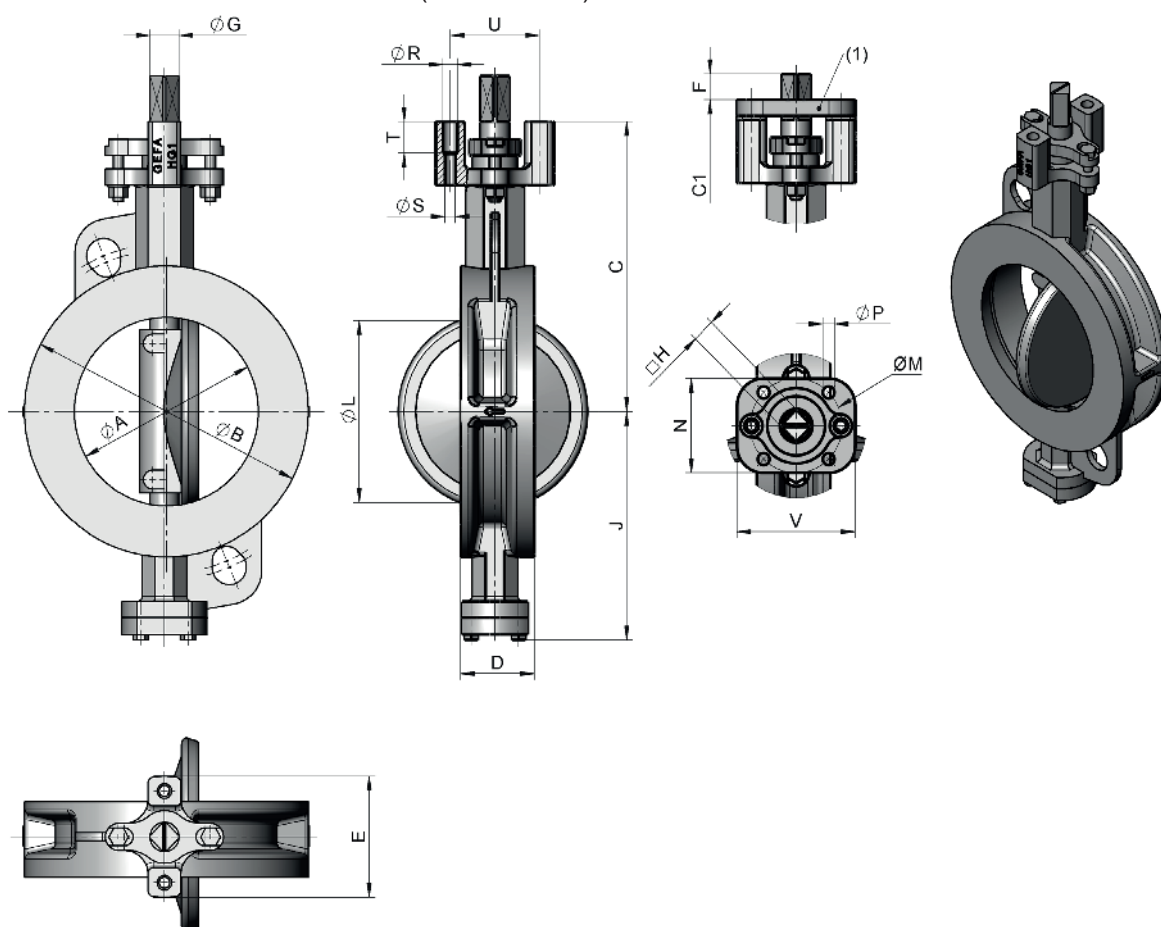
BUTTERFLY VALVES HG1 - MATERIAL DN50-DN300



Materials							
Pos.	Description	HG.4466TG	HG.6666TG	HG.4435M	HG.6635M	HG.4435HM	HG.6635HM
Permissible temperature(t _s)		-50°C / +220°C	-50°C / +220°C	-50°C / +220°C	-50°C / +220°C	-50°C / +400°C	-50°C / +400°C
1.1	Body	1.0619	1.4408	1.0619	1.4408	1.0619	1.4408
1.2	Disc with stem						
1.2.1	Disc	1.4408	1.4408	1.4408 nitrated	1.4408 nitrated	1.4408 nitrated	1.4408 nitrated
1.2.2	Stem	1.4571	1.4571	1.4571	1.4571	1.4571	1.4571
1.2.3	Straight pin	A4	A4	A4	A4	A4	A4
1.2.4	Tapered pin	A4	A4	A4	A4	A4	A4
1.3	Seat						
1.3.1	Seat	PTFE + glass	PTFE + glass	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated	1.4571 nitrated
1.3.2	Sealing tape	----	----	Graphite	Graphite	Graphite	Graphite
1.4	Insert ring	1.4571 / 1.4408	1.4571 / 1.4408	1.4571 / 1.4408	1.4571 / 1.4408	1.4571 / 1.4408	1.4571 / 1.4408
1.5	Set screw	A2	A2	A2	A2	A2	A2
1.6	Bearing	1.4401 / PTFE	1.4401 / PTFE	1.4401 / PTFE	1.4401 / PTFE	1.4401	1.4401
1.7	Gland packing	PTFE + Graph-ite	PTFE + Graph-ite	PTFE + Graph-ite	PTFE + Graph-ite	Graphite	Graphite
1.7.1	Gland packing	PTFE	PTFE	PTFE	PTFE	Graphite	Graphite
1.7.2	Gland packing	Graphite	Graphite	Graphite	Graphite	----	----
1.8	Gland	1.4305	1.4305	1.4305	1.4305	1.4305	1.4305
1.9	Gland flange	1.4408	1.4408	1.4408	1.4408	1.4408	1.4408
1.10	Hexagon screw	A2-70	A2-70	A2-70	A2-70	A2-70	A2-70

BUTTERFLY VALVES HG1 - DATA SHEET DN50-DN300

Face to face dimension: EN 558-1 line 20 (DIN 3202-K1)



DN	NPS	ØA	ØB	C	C1	D	E	F	ØG	J	ØL	ØR	ØS	T	U	min.mount- ing plate DIN 3337 / ISO 5211
50	2"	47	102	142	157	43	90	16	18	103	46	11	M8	23	68	F05
65	2 1/2"	64	122	154	169	46	90	16	18	115	59	11	M8	23	68	F05
80	3"	76	133	162	177	46	90	16	18	122	76	11	M8	23	68	F05
100	4"	98	156	179	194	52	90	16	18	135	93	11	M8	23	68	F05
125	5"	119	188	197	212	56	90	19	22	152	118	11	M8	23	68	F07
150	6"	140	216	215	230	56	90	19	22	174	139	11	M8	23	68	F07
200	8"	190	268	262	280	60	125	24	28	216	190	13	M10	23	95	F10
250	10"	237	323	292	310	68	125	24	28	248	238	13	M10	23	95	F10
300	12"	280	375	336	356	78	150	29	36	283	281	16	M10	22	115	F12
DN	50	65	80	100	125	150	200	250	300							
kg	3,9	4,7	5,2	6,7	9,6	11,7	19,6	28,0	40,0							

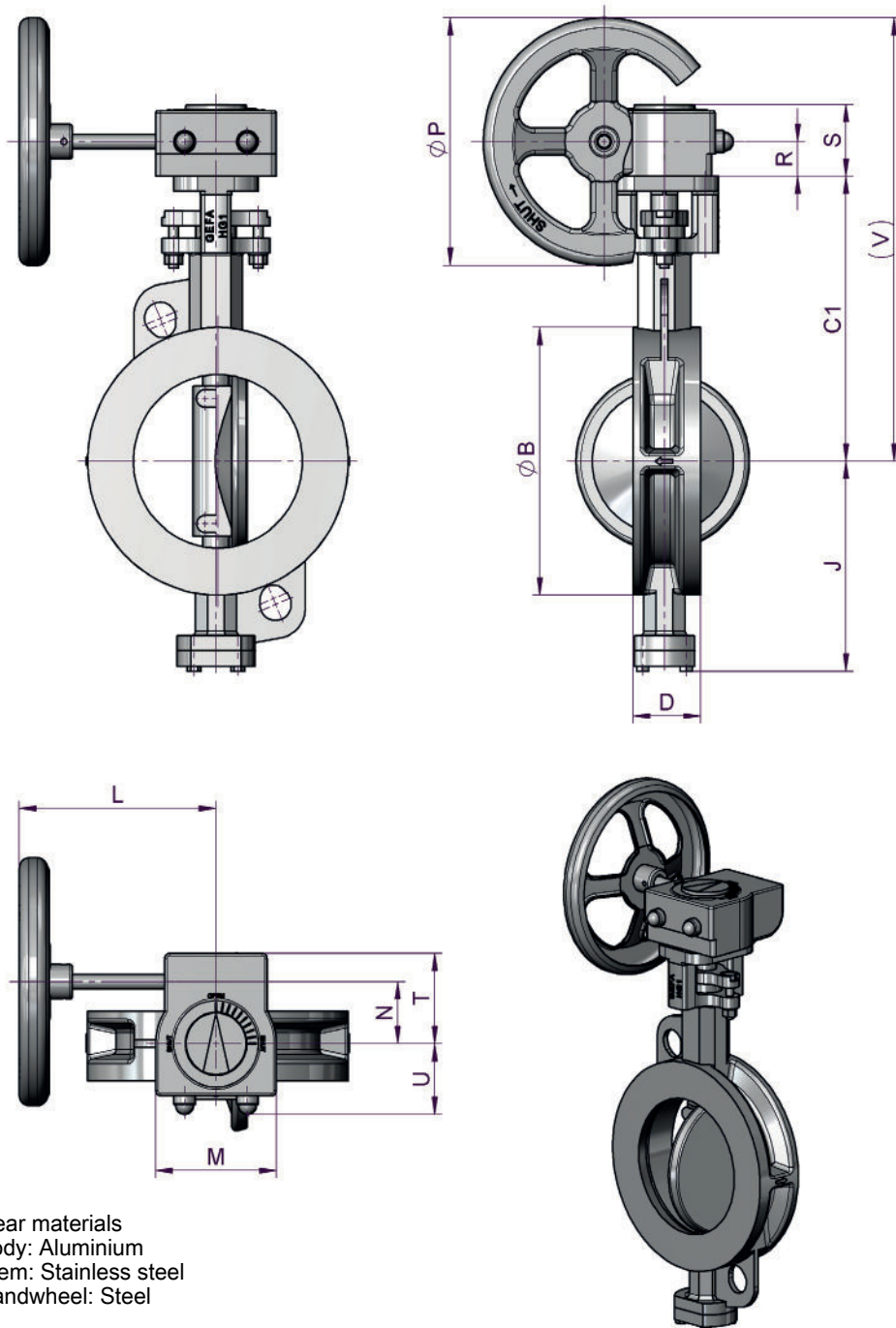
Weight without mounting plate

Mounting plate ISO 5211	F05	F07	F10	F12	F14	F16
□H	14	17	22	27	36	46
ØM	50	70	102	125	140	165
N	50	70	95	125	135	160
n x ØP	4 x 7	4 x 9	4 x 11	4 x 13,5	4 x 18	4 x 22
V	90	90	125	150	150	160

(1) MULTITOP mounting plate and square – adapter for direct mounting of actuators with larger connection flange. Special designs possible.

Subject to changes

BUTTERFLY VALVES HG1 - DATA SHEET DN50-DN300



Gear materials
Body: Aluminium
Stem: Stainless steel
Handwheel: Steel

Weight of gear operator including handwheel and mounting plate.
Regarding valve data please refer to relevant data sheets.
Seat: TG = PTFE/glass-seat / M = metal seat

DN	NPS	Seat	Gear type	$\varnothing B$	C1	D	J	L	M	N	$\varnothing P$	R	S	T	U	V	kg
50	2"	TG/M	BGH200900714140	102	157	43	103	160	100	50	140	28	58	73	57	255	1,8
65	2 1/2"	TG/M	BGH200900714140	122	169	46	115	160	100	50	140	28	58	73	57	267	1,8
80	3"	TG/M	BGH200900714140	133	177	46	122	160	100	50	140	28	58	73	57	275	1,8
100	4"	TG/M	BGH200900714140	156	194	52	135	160	100	50	140	28	58	73	57	292	1,8
125	5"	TG/M	BGH200900717200	188	212	56	152	163	100	50	200	28	58	73	57	340	2,2
150	6"	TG/M	BGH200900717200	216	230	56	174	163	100	50	200	28	58	73	57	358	2,2
200	8"	TG/M	BGH201251222300	268	280	60	216	225	142	65	300	40	73	96	75	470	4,2
250	10"	TG/M	BGH201251222300	323	310	68	248	225	142	65	300	40	73	96	75	500	4,2
300	12"	TG/M	BGH201401227400	375	356	78	283	325	185	80	400	51	99	126	100	607	10,2

Subject to changes