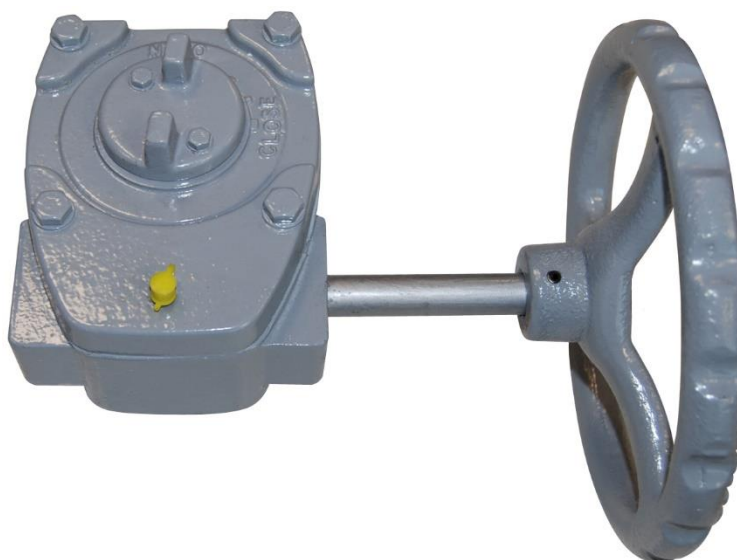


GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES

Gearbox for double offset butterfly valves Ref. 1110-1113-1114-1115-1116-1117.

Direct mounting on ISO 5211 mounting pad of the butterfly valve.



Size : DN50 to DN400
Connection : ISO 5211 mounting pad
Specifications : Worm wheel type
Direct mounting pad ISO 5211
Cast iron hanwheel
Carbon steel shaft
Cast iron pointer

Materials : Cast iron body EN GJL-250

GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES

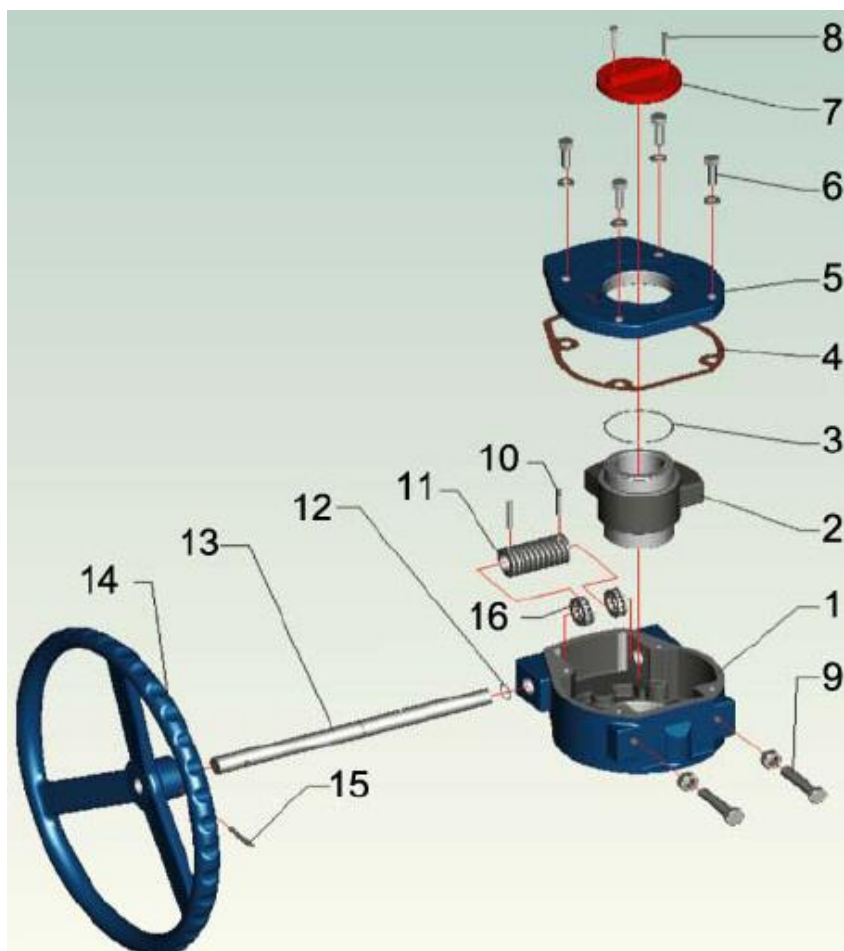
SPECIFICATIONS :

- Direct mouting on ISO 5211 mounting pad
- For double offset butterfly valves Ref.1110-1113-1114-1115-1116-1117
- With pointer

DN	50-65	80	100	125-150	200	250	300-350	400
Ref.	1193001	1193002	1193003	1193004	1193005	1193006	1193007	1191008
Ratio factor	1:40	1:40	1:36	1:36	1:36	1:36	1:52	1:70
Number of turns for opening / closing	10	10	9	9	9	9	13	17~18
Input torque (Nm)	24.5	24.5	53.9	53.9	109	109	150	225
Output torque (Nm)	245	245	490	490	980	980	1960	3920

GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES

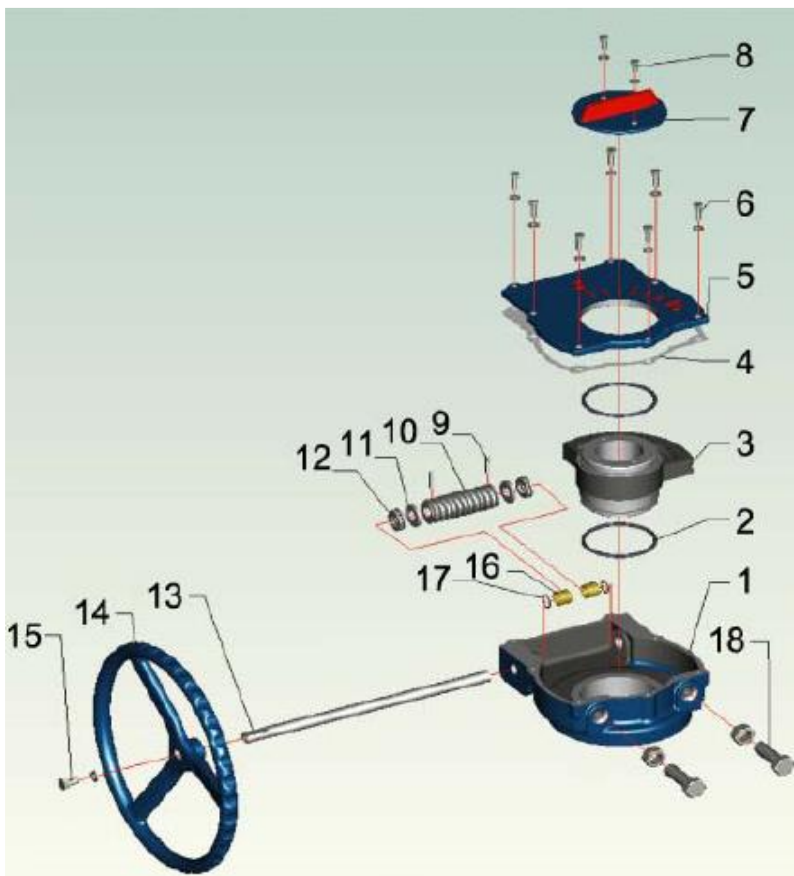
MATERIALS DN50-350 :



Item	Designation	Materials
1	Body	Cast iron EN GJL
2	Gearbox	Ductile iron EN GJS
3	O ring	NBR
4	Gasket	Paper
5	Bonnet	Cast iron EN GJL
6	Screw	Cast steel
7	Pointer	Cast iron EN GJL
8	Screw	Cast steel
9	Stop	
10	Pin	
11	Worm	
12	O ring	NBR
13	Stem	Cast steel
14	Handwheel	Cast iron EN GJL
15	Pin	Cast steel
16	Bearing	

GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES

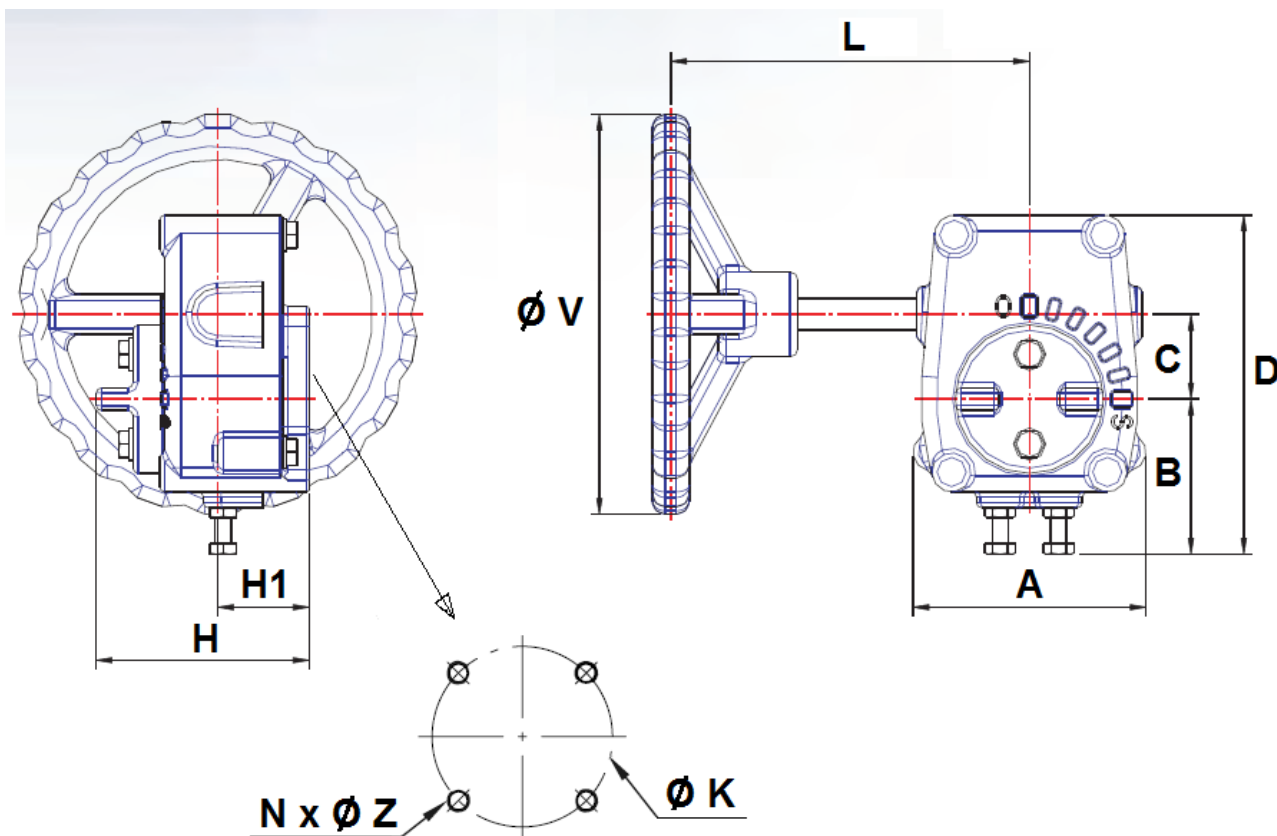
MATERIALS DN400 :



Item	Designation	Materials
1	Body	Cast iron EN GJL
2	O ring	NBR
3	Gearbox	Ductile iron EN GJS
4	Gasket	Paper
5	Bonnet	Cast iron EN GJL
6	Screw	Cast steel
7	Pointer	Cast iron EN GJL
8	Screw	Cast steel
9	Pin	
10	Worm	
11	Ring	
12	Bearing	
13	Stem	Cast iron EN GJL
14	Handwheel	
15	Screw	Cast steel
16	Bushing	Copper
17	O ring	NBR
18	Stop	Cast steel

GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES

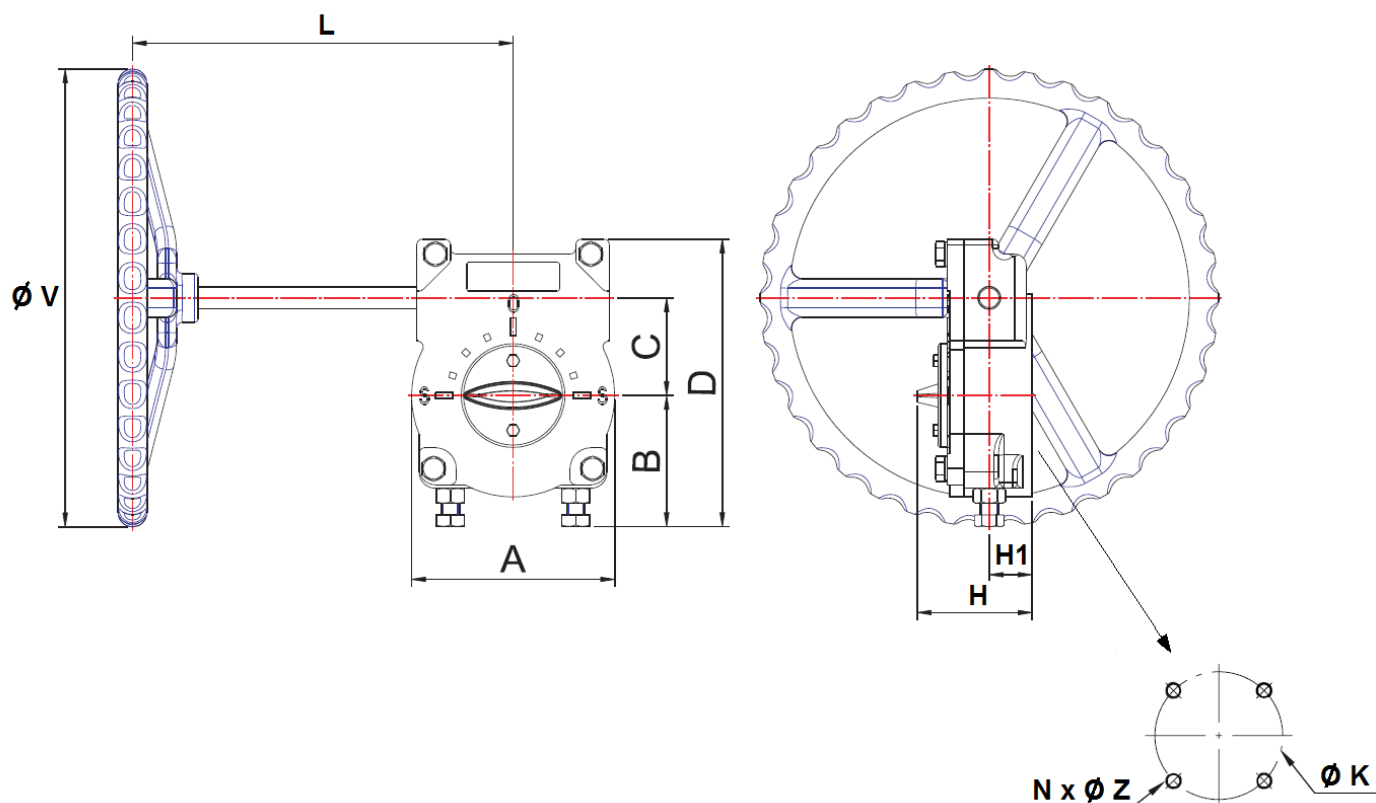
SIZE DN 50-350 :



DN	50-65	80	100	125-150	200	250	300-350
L	155	155	195	195	258	258	346
A	87	87	117	117	153	153	181
B	49	49	81	81	97	97	102
C	41	41	63	63	61	61	81
D	130	130	176	176	186	186	223
H	81	81	91	91	88	88	117
H1	37	37	41.5	41.5	41	41	52
Ø V	150	150	200	200	310	310	400
Ø K	70	70	102	102	125	125	140
ISO	F07	F07	F10	F10	F12	F12	F14
N x Ø Z	4 x M8	4 x M8	4 x M10	4 x M10	4 x M12	4 x M12	4 x M16
Weight (Kg)	3.3	3.3	7.5	7.5	9	9	22
Ref.	1193001	1193002	1193003	1193004	1193005	1193006	1193007

GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES

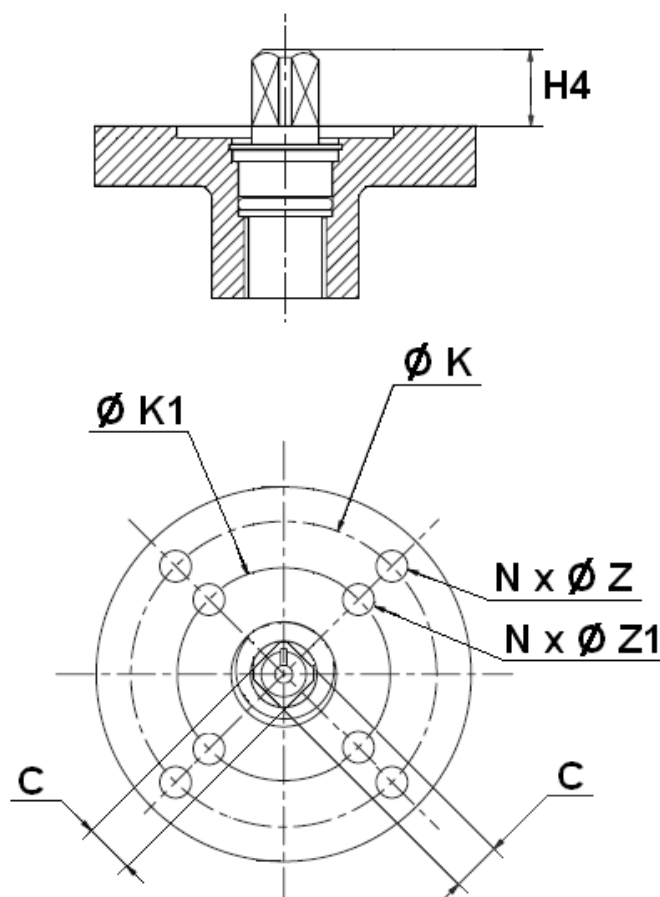
SIZE DN 400 :



DN	400
L	307
A	251
B	113
C	123
D	293
H	127
H1	56
Ø V	400
Ø K	165
ISO	F16
N x Ø Z	4 x M20
Weight (Kg)	35
Ref.	1193008

GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES

ISO PLATE AND STEM SIZE OF BUTTERFLY VALVES REF.1110/1113/1114/1115/1116/1117 (in mm) :



DN	50	65	80	100	125	150	200	250	300	350	400
C	11	11	14	14	17	17	19	22	27	27	36
H4	18	18	23	23	23	23	28	28	37	37	47
Ø K	70	70	102	102	102	102	125	125	140	140	165
ISO	F07	F07	F10	F10	F10	F10	F12	F12	F14	F14	F16
N x ØZ	4 x 8	4 x 8	4 x 10	4 x 10	4 x 10	4 x 10	4 x 12	4 x 12	4 x 16	4 x 16	4 x 22
Ø K1	50	50	70	70	70	70	102	102	125	125	140
ISO1	F05	F05	F07	F07	F07	F07	F10	F10	F12	F12	F14
NxØZ1	4 x 6	4 x 6	4 x 8	4 x 8	4 x 8	4 x 8	4 x 10	4 x 10	4 x 12	4 x 12	4 x 16

GEARBOX FOR DOUBLE OFFSET BUTTERFLY VALVES**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015
- ISO 5211 mounting pad

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

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Date : 09/20

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