

## WAFER TYPE S57 - GEARBOX OPERATED

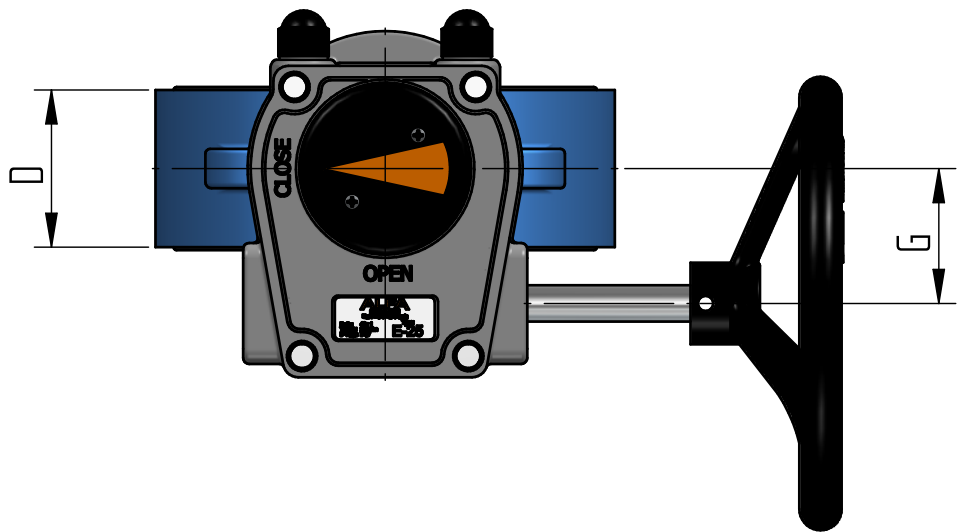
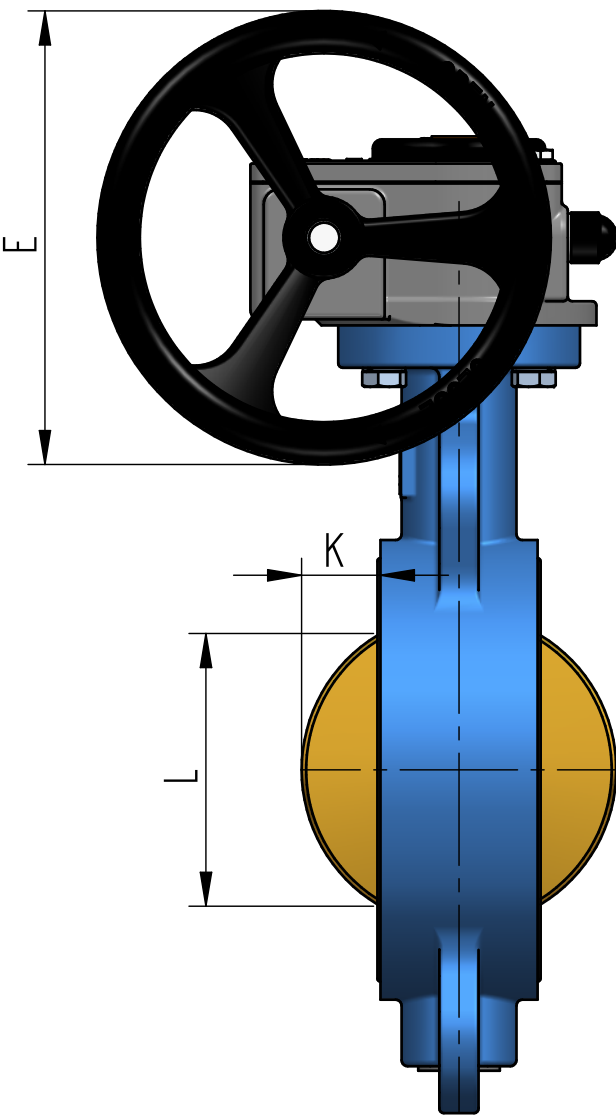
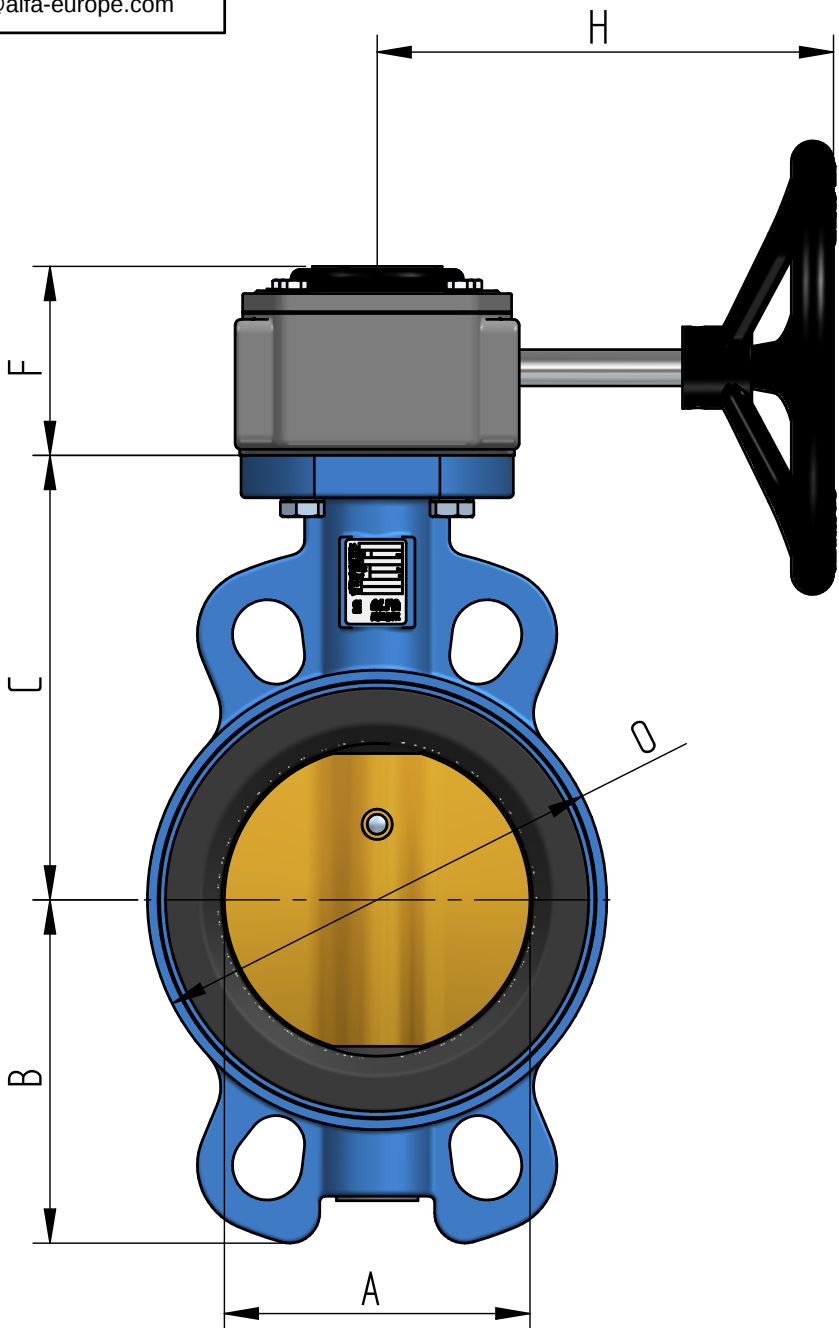


# WAFER TYPE S57 - GEARBOX OPERATED DN40 - DN150

Size DN 40 to DN 150, Design EN593  
Face to face acc. EN558.1 series 20  
Flange connections: DIN PN6-10-16-25  
ANSI B 16.5 Cl. 150#, JIS B 2211 5K, 10K  
Temperature -40/+250°C  
Various pressure ratings up to 25 bar  
Top flange according ISO 5211  
Vacuum to 1\*10<sup>-3</sup> 0.2 Torr absolute

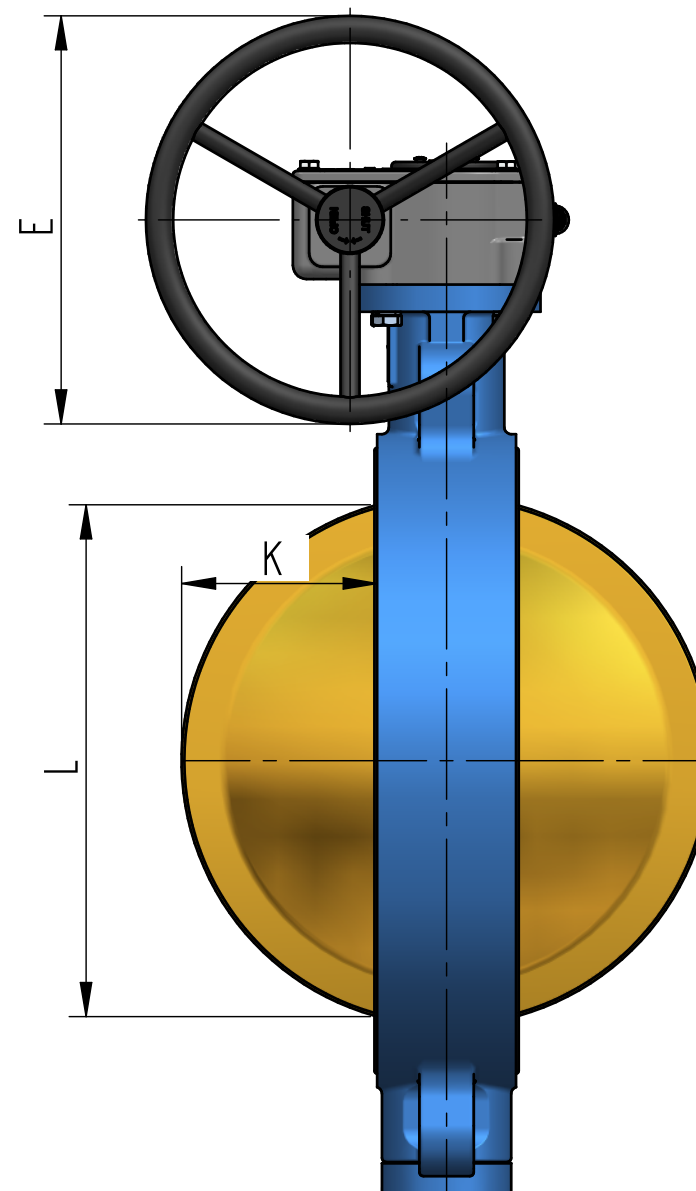
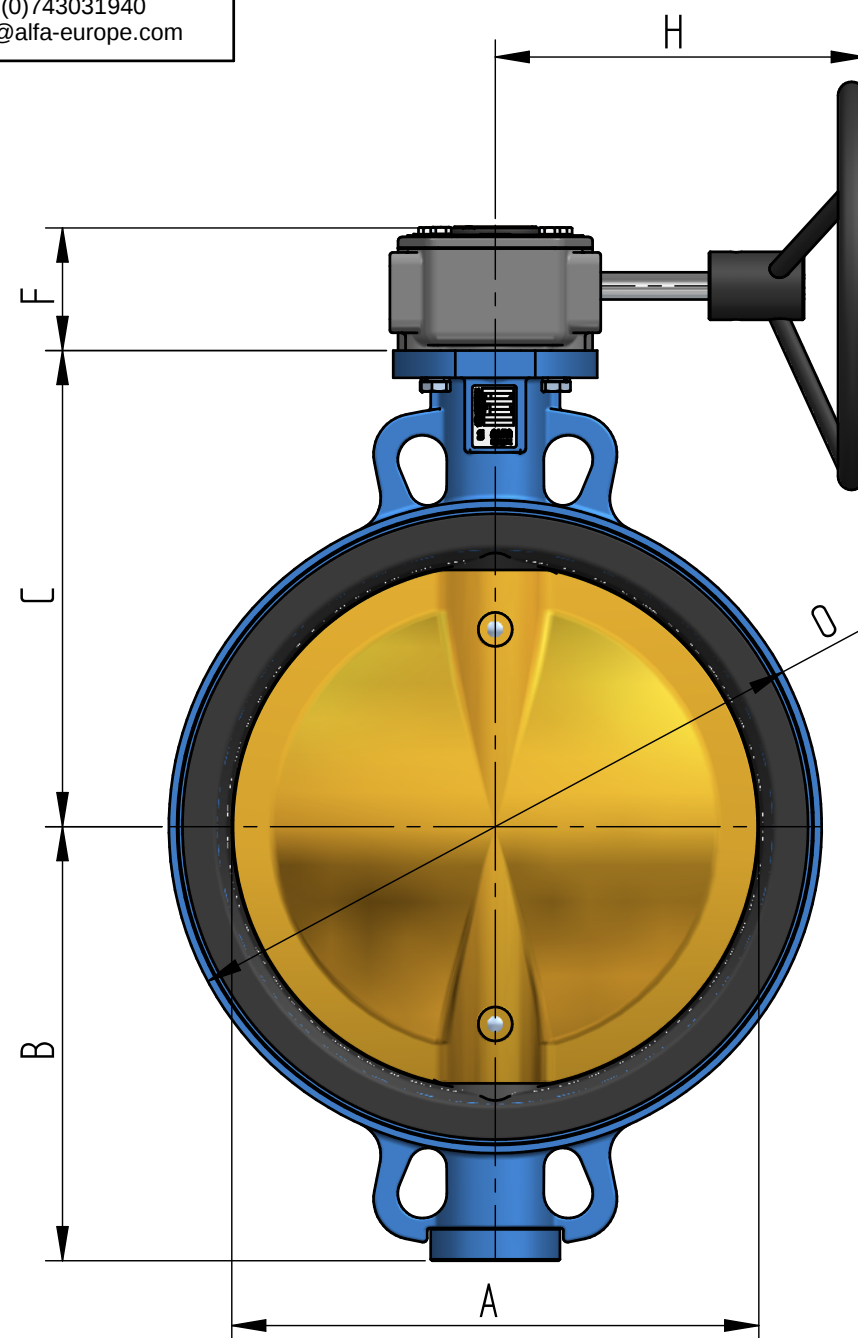
## Standard available materials :

| BODY        | DISC        | SHAFT     | SEAT                    |
|-------------|-------------|-----------|-------------------------|
| EN-JS1030   | BS 1400 AB2 | SS 1.4122 | NBR -15°C / +80°C       |
| A216 WCB    | EN-JS1030   | SS 431    | EPDM -23°C / +120°C     |
| SS 1.4408   | SS 1.4408   | SS 1.4462 | Viton -0°C / +200°C     |
| BS 1400 AB2 | SD 2507     | SD F53    | Silicone -40°C / +230°C |



| Size   | Gearbox   | A   | B   | C   | D  | E      | F  | G    | H   | K  | L   | O   | Weight ± Kg |
|--------|-----------|-----|-----|-----|----|--------|----|------|-----|----|-----|-----|-------------|
| DN 40  | ALFA - 12 | 41  | 58  | 113 | 33 | SC-125 | 50 | 36.5 | 117 | 4  | 24  | 72  | 5.0         |
| DN 50  | ALFA - 12 | 52  | 65  | 118 | 43 | SC-125 | 50 | 36.5 | 117 | 5  | 27  | 93  | 6.3         |
| DN 65  | ALFA - 12 | 63  | 89  | 126 | 46 | SC-125 | 50 | 36.5 | 117 | 9  | 43  | 108 | 7.3         |
| DN 80  | ALFA - 12 | 78  | 96  | 133 | 46 | SC-125 | 50 | 36.5 | 117 | 16 | 62  | 124 | 9.5         |
| DN 100 | ALFA - 25 | 103 | 113 | 147 | 52 | SC-150 | 62 | 44.6 | 151 | 26 | 90  | 152 | 10.9        |
| DN 125 | ALFA - 25 | 125 | 130 | 160 | 56 | SC-150 | 62 | 44.6 | 151 | 34 | 110 | 177 | 13.0        |
| DN 150 | ALFA - 25 | 155 | 146 | 180 | 56 | SC-150 | 62 | 44.6 | 151 | 50 | 145 | 210 | 15.0        |

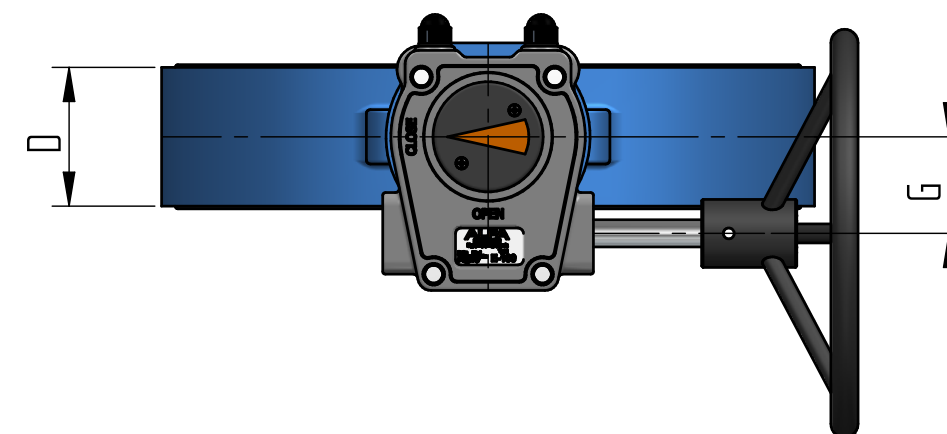
# WAFER TYPE S57 - GEARBOX OPERATED DN200 - DN600



Size DN 200 to DN 600, Design EN593  
Face to face acc. EN558.1 series 20  
Flange connections: DIN PN6-10-16-25  
ANSI B 16.5 Cl. 150#, JIS B 2211 5K, 10K  
Temperature -40/+250°C  
Various pressure ratings up to 25 bar  
Top flange according ISO 5211  
Vacuum to 1\*10<sup>-3</sup> 0.2 Torr absolute

## Standard available materials :

| BODY        | DISC        | SHAFT     | SEAT                    |
|-------------|-------------|-----------|-------------------------|
| EN-JS1030   | BS 1400 AB2 | SS 14122  | NBR -15°C / +80°C       |
| A216 WCB    | EN-JS1030   | SS 431    | EPDM -23°C / +120°C     |
| SS 1.4408   | SS 1.4408   | SS 1.4462 | Viton -0°C / +200°C     |
| BS 1400 AB2 | SD 2507     | SD F53    | Silicone -40°C / +230°C |

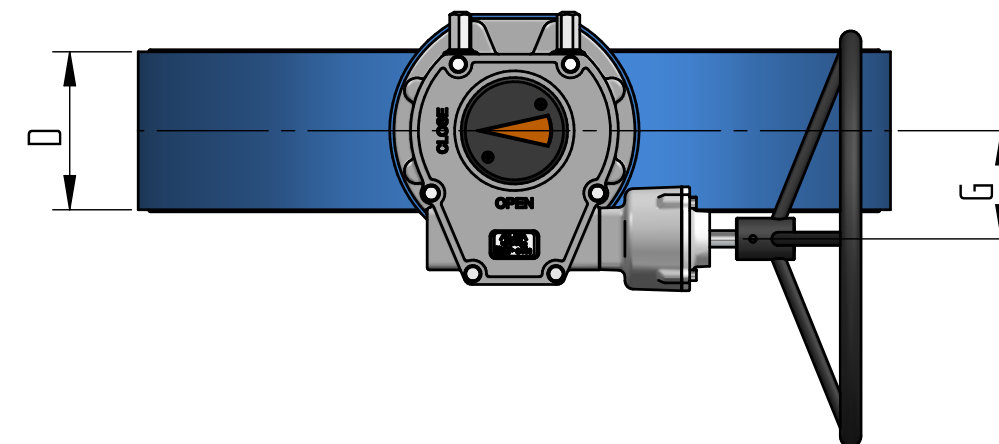
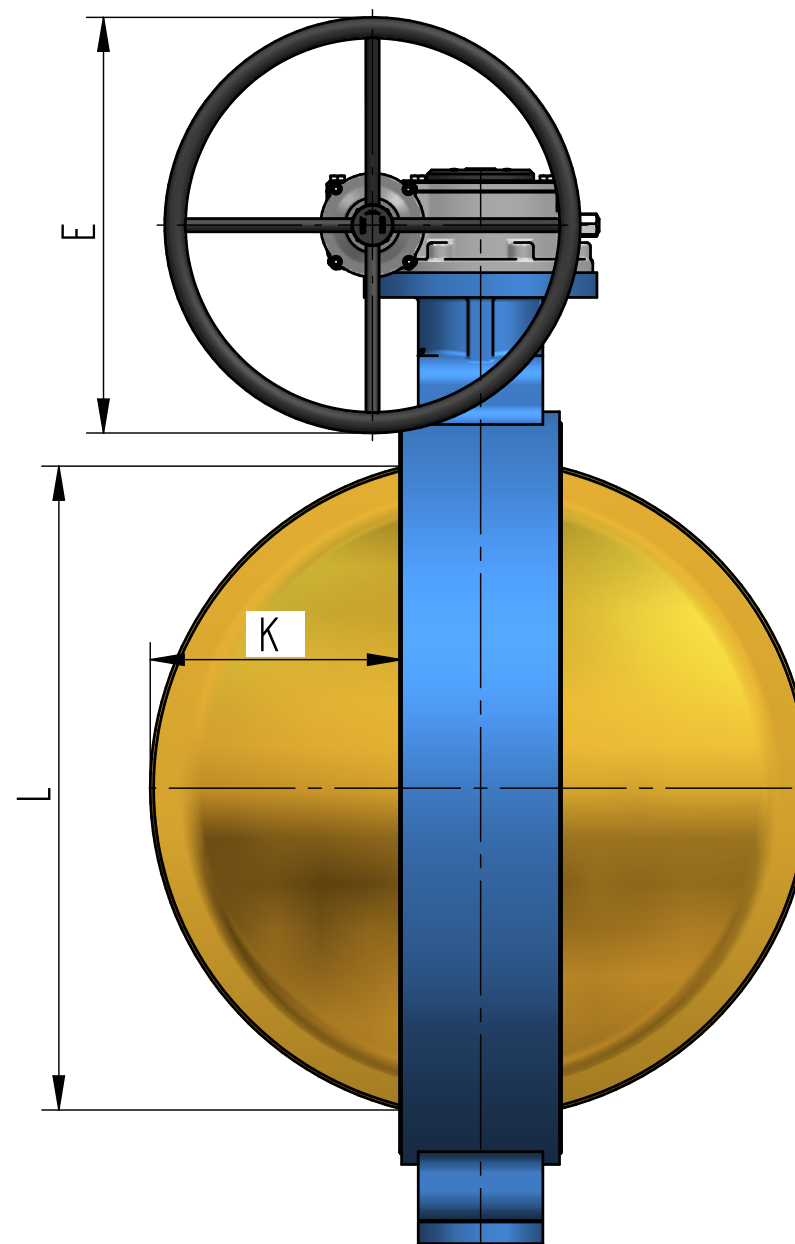
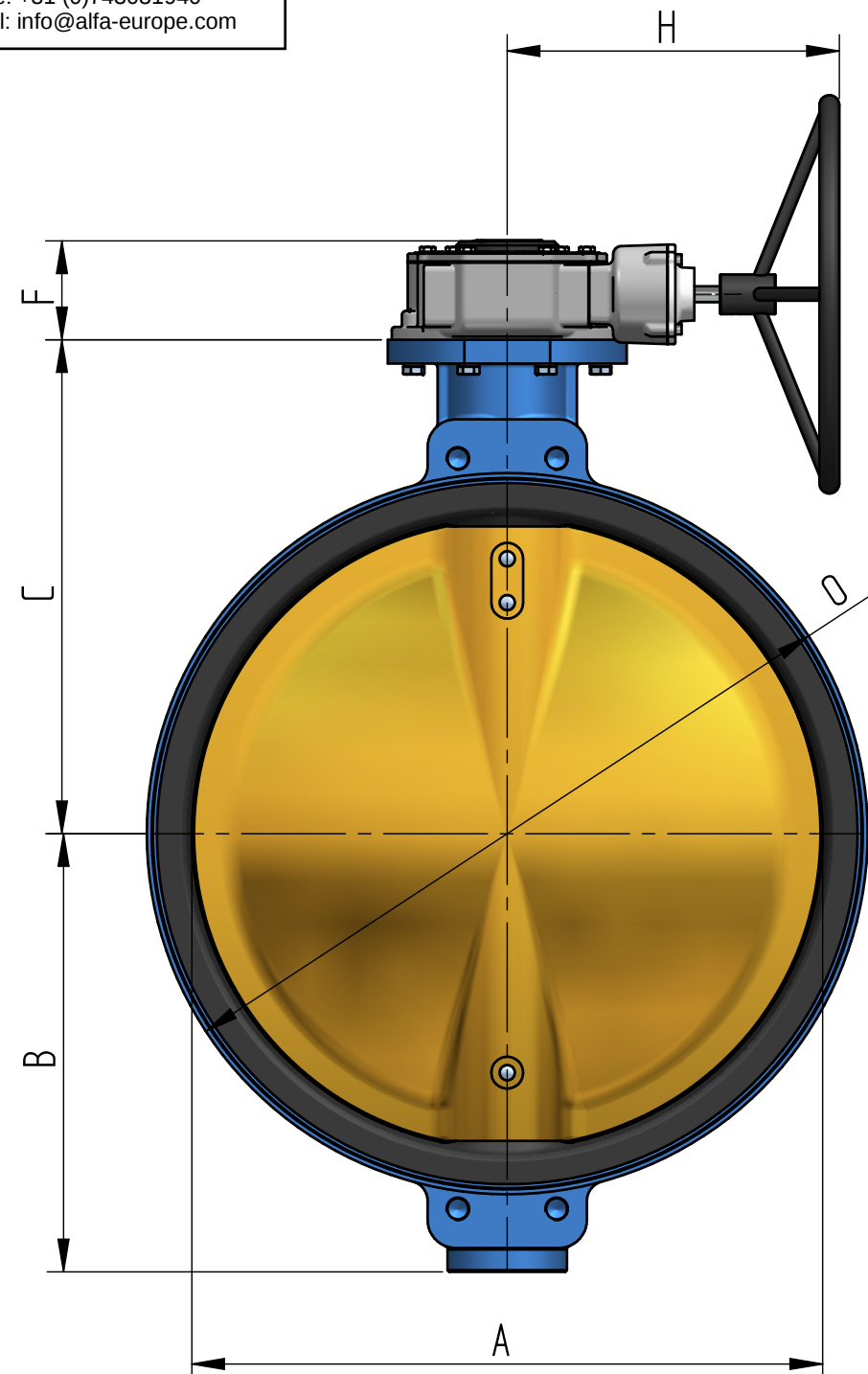


| Size   | GEARBOX    | A   | B   | C   | D   | E      | F   | G     | H   | K   | L   | O   | Weight ± Kg |
|--------|------------|-----|-----|-----|-----|--------|-----|-------|-----|-----|-----|-----|-------------|
| DN 200 | ALFA - 25  | 201 | 177 | 204 | 60  | SC-150 | 62  | 44.6  | 151 | 71  | 193 | 265 | 17.5        |
| DN 250 | ALFA - 55  | 249 | 205 | 245 | 68  | SW-250 | 73  | 55    | 235 | 91  | 241 | 313 | 28.0        |
| DN 300 | ALFA - 55  | 302 | 239 | 270 | 78  | SW-250 | 73  | 55    | 235 | 112 | 291 | 371 | 40.2        |
| DN 350 | ALFA - 100 | 340 | 295 | 315 | 78  | SW-300 | 95  | 71    | 272 | 128 | 324 | 434 | 68.9        |
| DN 400 | ALFA - 100 | 397 | 319 | 350 | 102 | SW-300 | 95  | 71    | 272 | 144 | 376 | 480 | 87.7        |
| DN 450 | ALFA - 200 | 438 | 352 | 375 | 114 | SW-400 | 102 | 86    | 310 | 163 | 426 | 536 | 127.0       |
| DN 500 | ALFA - 200 | 489 | 387 | 415 | 127 | SW-400 | 102 | 86    | 310 | 182 | 475 | 590 | 159.0       |
| DN 600 | ALFA - 350 | 590 | 453 | 562 | 154 | SW-500 | 106 | 104.5 | 336 | 219 | 572 | 693 | 236.4       |

# WAFER TYPE S57 - GEARBOX OPERATED DN700 - DN1000

Size DN 700 to DN 1000, Design EN593  
Face to face acc. EN558.1 series 20  
Flange connections: DIN PN6-10-16-25  
ANSI B 16.5 Cl. 150#, JIS B 2211 5K, 10K  
Temperature -40/+250°C  
Various pressure ratings up to 16 bar  
Top flange according ISO 5211  
Vacuum to 1\*10<sup>-3</sup> 0.2 Torr absolute

| Standard available materials : |             |           |                         |
|--------------------------------|-------------|-----------|-------------------------|
| BODY                           | DISC        | SHAFT     | SEAT                    |
| EN-JS1030                      | BS 1400 AB2 | SS 1.4122 | NBR -15°C / +80°C       |
| A216 WCB                       | EN-JS1030   | SS 431    | EPDM -23°C / +120°C     |
| SS 1.4408                      | SS 1.4408   | SS 1.4462 | Viton -0°C / +200°C     |
| BS 1400 AB2                    | SD 2507     | SD F53    | Silicone -40°C / +230°C |



| Size    | GEARBOX         | A   | B   | C   | D   | E      | F   | G   | H   | K   | L   | O    | Weight ± Kg |
|---------|-----------------|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|------|-------------|
| DN 700  | ALFA - 700 / 6  | 692 | 491 | 560 | 165 | SW-500 | 125 | 130 | 420 | 265 | 676 | 800  | 320         |
| DN 800  | ALFA - 900 / 4  | 792 | 550 | 620 | 190 | SW-500 | 123 | 150 | 435 | 302 | 772 | 905  | 455         |
| DN 900  | ALFA - 1100 / 6 | 861 | 615 | 675 | 203 | SW-500 | 123 | 150 | 435 | 330 | 840 | 1005 | 600         |
| DN 1000 | ALFA - 1100 / 6 | 961 | 668 | 735 | 216 | SW-500 | 123 | 150 | 435 | 374 | 940 | 1115 | 750         |