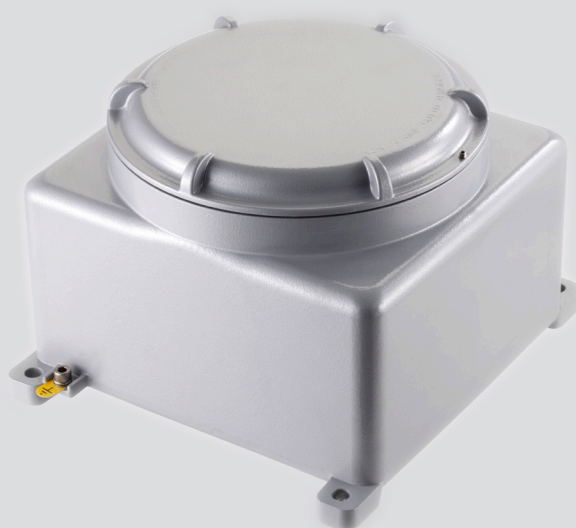
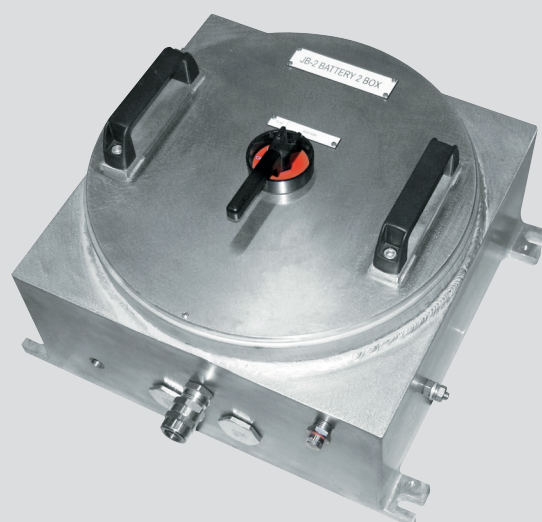


Flameproof enclosures GUB

Ex d IIC, Aluminium & Stainless steel



Aluminium



Stainless steel



Flameproof enclosures BARTEC C or GUB series are designed to be installed in industrial plants, where potential hazardous atmospheres occur. These areas are either classified as zone 1 and 2 or as zone 21 and 22. These enclosures are designed to contain regular industrial electrical components or equipment on the mounting plate like fuses, transformers, circuit breakers, relays, PLC etc. and to be fully integrated in the hazardous area as control- or distribution panel.

Depending on the installed components; observe the specifications on the type label. According to EN-IEC 60079-0,-1

Explosion protection

| | |
|---------------------|--|
| Marking ATEX | Ex II 2G Ex d IIC T6 to T3 Gb Ex II 2D Ex tb IIIC T85°C to T200°C Db |
| Certification | DEKRA 13 ATEX 0209 |
| Marking IECEx | Ex II 2G Ex d IIC T6..T3 Gb Ex II 2D Ex tb IIIC T85°C..T200°C Db |
| Certification | IECEx DEK 13.0075 |
| Ambient temperature | Depending on the installed parts; observe specifications on the type label. -20 to +40 °C standard -40 to +55 °C optional -55 to +80 °C maximum for some applications |
| Approved for zones | 1, 2 and 21, 22 |

Other approvals and certificates, see bartec-fn.com

Technical data

| | |
|--------------------------------------|---|
| Protection class (acc. to IEC 60529) | max. IP 66 |
| Enclosure material | Copper free aluminium alloy (< 0,1% copper) Stainless steel 316 |
| Surface treatment | External powder type painted RAL9006 (cast aluminium version) unpainted (stainless steel version) Internal anti-condense painting RAL 2004 (optional) |
| Earthing an bonding | Internal and external earth bolt (M6) |
| Hardware | Stainless steel SS304 for aluminium and SS316 for stainless steel enclosures |
| Mounting plate | Aluminium enclosure: Aluminium Stainless steel enclosure: Stainless Steel |
| Mounting brackets | Casted / welded |
| Windows | Windows available in screw cover |

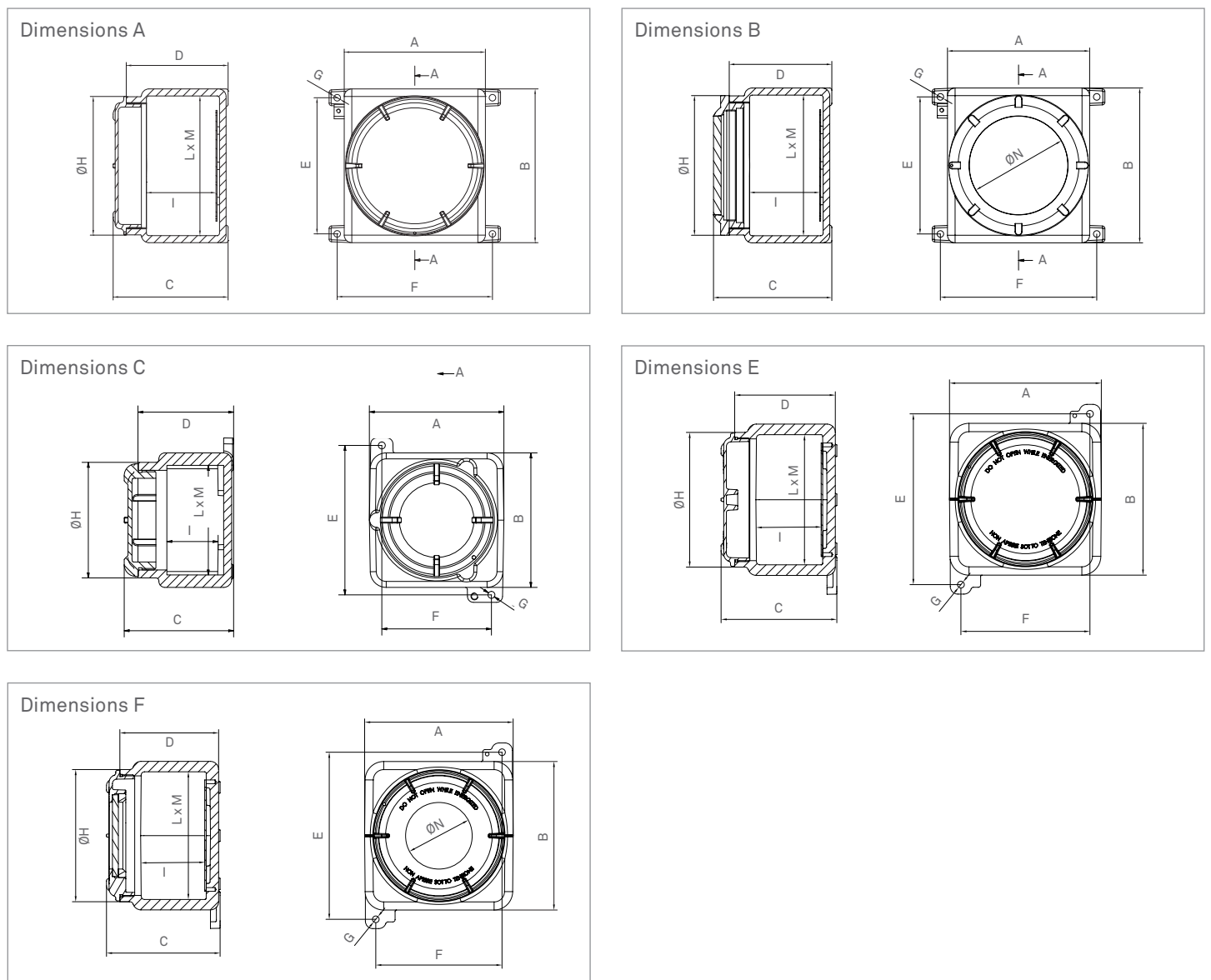
Aluminium GUB

Selection chart

| Name | Dimensions (mm) | | | | | | | | | | | kg | lay-out | Window mountingplate | |
|------------|-----------------|-----|-------|-----|-----|-----|----|-----|-----|-----|-----|-------|---------|----------------------|-----------|
| | A | B | C | D | E | F | ØG | I | L | M | ØH | | | Ø glass | (mm) |
| GUB00A0A0 | 135 | 135 | 110 | 96 | 150 | 110 | 7 | 50 | 110 | 110 | 116 | 2 | C | - | |
| GUB0A0A0 | 173 | 170 | 141,5 | 125 | 145 | 190 | 9 | 75 | 142 | 145 | 142 | 4 | E | | 110 x 110 |
| GUB1A0A0 | 200 | 200 | 153 | 133 | 170 | 225 | 9 | 86 | 172 | 172 | 178 | 5 | E | | 150 x 150 |
| GUB03A0A0 | 280 | 305 | 228 | 202 | 270 | 308 | 13 | 133 | 248 | 270 | 275 | 13.5 | A | | 200 x 220 |
| GUB23A0A0 | 310 | 270 | 174 | 153 | 275 | 315 | 12 | 100 | 243 | 283 | 244 | 9.8 | A | | 180 x 180 |
| GUB4A0A0 | 420 | 420 | 281 | 230 | 380 | 460 | 14 | 147 | 384 | 384 | 410 | 31.7 | A | | 280 x 280 |
| GUB5A0A0 | 600 | 600 | 379 | 313 | 545 | 640 | 14 | 208 | 550 | 550 | 580 | 105.6 | A | | 490 x 490 |
| GUBW1A0A0 | 200 | 200 | 153 | 133 | 170 | 225 | 9 | 86 | 172 | 172 | 178 | 5.1 | F | 90 | 150 x 150 |
| GUBW030A0 | 280 | 305 | 233 | 202 | 270 | 308 | 13 | 133 | 248 | 270 | 275 | 14.2 | B | 195 | 200 x 220 |
| GUBW23A0A0 | 310 | 270 | 174 | 153 | 275 | 315 | 12 | 100 | 243 | 283 | 244 | 10.3 | B | 150 | 180 x 180 |
| GUBW4A0A0 | 420 | 420 | 281 | 230 | 380 | 460 | 14 | 147 | 384 | 384 | 410 | 30 | B | 230 | 280 x 280 |

Aluminium GUB

Overall dimensions and weights



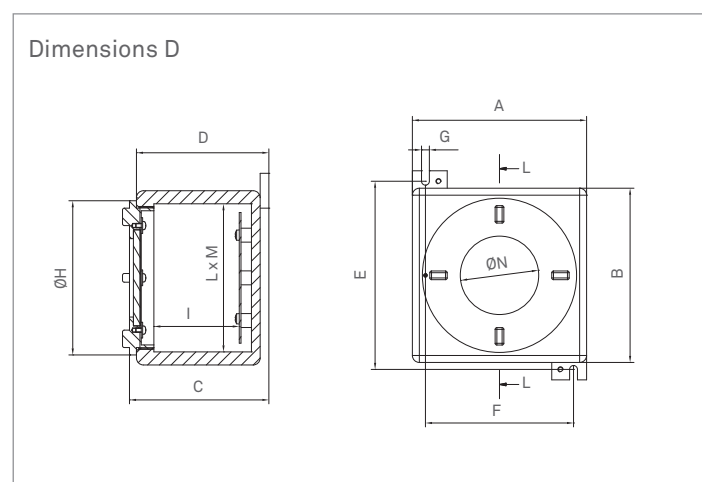
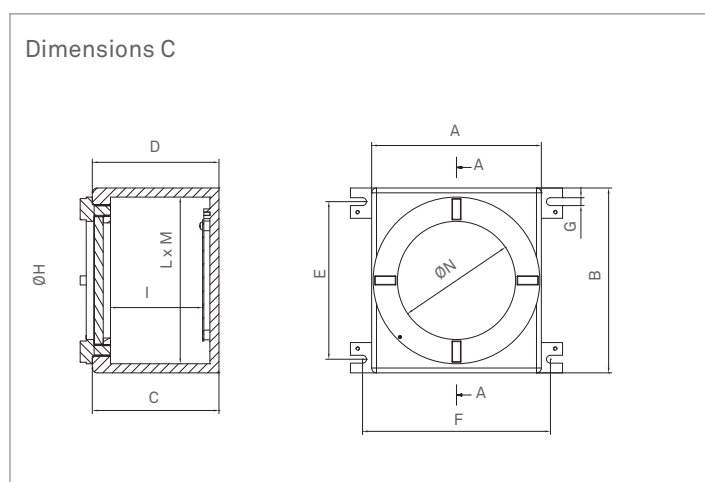
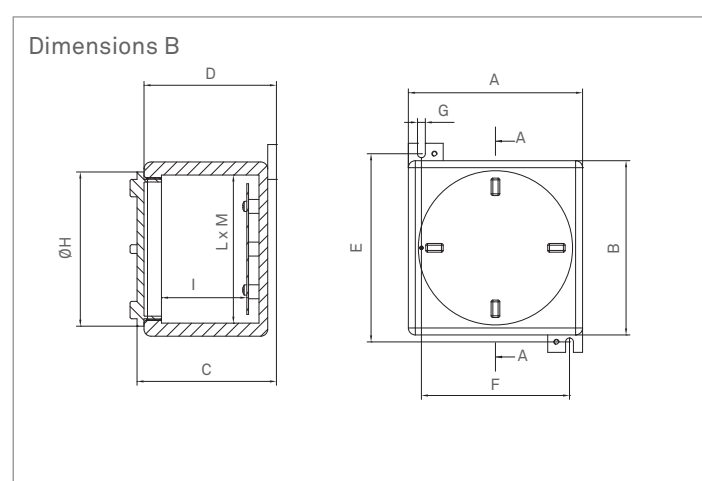
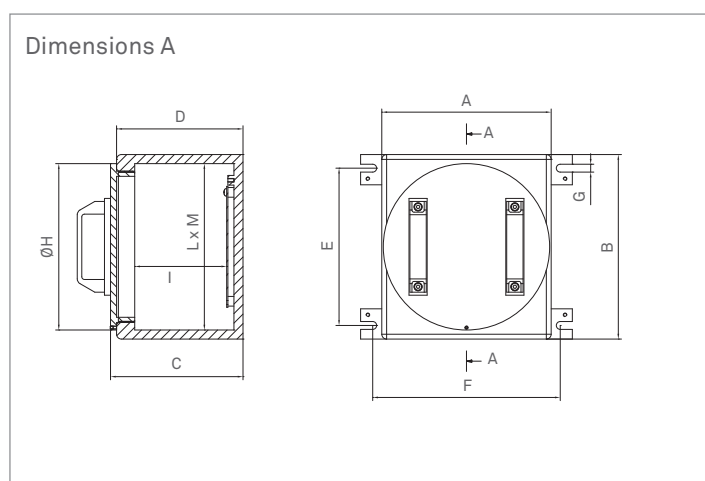
Stainless steel GUB INX

Selection chart

| Name | Dimensions (mm) | | | | | | | | | | | | kg | lay-out |
|--------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|
| | A | B | C | D | E | F | Ø G | H | I | L | Ø M | Ø N | | |
| GUB00 INX AISI316 | 135 | 135 | 100 | 92 | 152 | 105 | 7 | 113 | 47 | 111 | 111 | | 7 | B |
| GUB0 INX AISI316 | 170 | 170 | 141 | 133 | 185 | 145 | 9 | 154 | 82 | 140 | 140 | | 13 | B |
| GUB1 INX AISI316 | 200 | 200 | 160 | 152 | 216 | 170 | 9 | 177 | 98 | 170 | 170 | | 19 | B |
| GUB03 INX AISI316 | 280 | 310 | 219 | 209 | 260 | 310 | 13 | 275 | 152 | 250 | 280 | | 50 | A |
| GUB23 INX AISI316 | 310 | 270 | 165 | 157 | 235 | 350 | 12 | 224 | 110 | 290 | 250 | | 32 | B |
| GUB4 INX AISI316 | 420 | 420 | 234 | 226 | 380 | 460 | 13 | 405 | 148 | 390 | 390 | | 83 | A |
| GUB5 INX AISI316 | 600 | 600 | 320 | 310 | 550 | 630 | 13 | 600 | 203 | 550 | 550 | | 280 | A |
| GUBW1 INX AISI316 | 200 | 200 | 160 | 152 | 216 | 170 | 9 | 177 | 98 | 170 | 170 | 90 | 19 | D |
| GUBW03 INX AISI316 | 280 | 310 | 219 | 209 | 260 | 310 | 13 | 275 | 152 | 250 | 280 | 195 | 50 | C |
| GUBW23 INX AISI316 | 310 | 270 | 165 | 157 | 235 | 350 | 12 | 224 | 110 | 290 | 250 | 150 | 32 | D |
| GUB4 INX AISI316 | 420 | 420 | 234 | 226 | 380 | 460 | 13 | 405 | 148 | 390 | 390 | 230 | 83 | C |

Stainless steel GUB INX

Overall dimensions and weights



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