ROLEC®

Our passion is enclosures.



# aluCASE

**Premium enclosures made of aluminium**

# Technical data
## aluCASE



Integrated lid supports



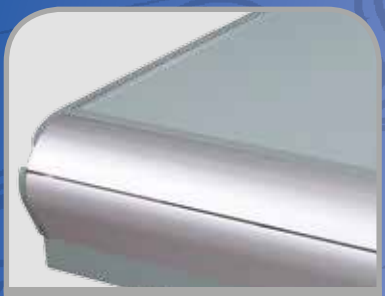
Enclosure fixing with closed lid



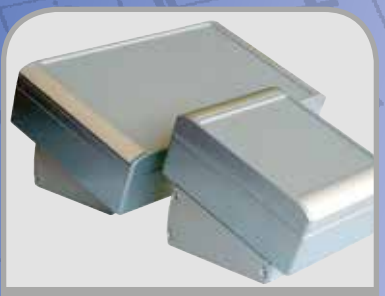
Transparent lid version



Design covers for the perfect appearance



External hinges without visible screws



Console adapter on request



Access safeguard by means of key lock



Integrated recess for membrane keypads

**Enclosure:** Die-cast aluminium EN AN-44300 DIN EN 1706 (GD AL SI 12 / DIN 1725). 1° mould slope for casting ejection, internal measures diminishing circulatory towards enclosure bottom by 1°.

**Integrated recess:** In the lid for membrane keypad or front plates.

**Components:** Fastening thread M5 in the lower and upper section.

**Ingress protection:** IP67 / EN 60529

**Gasket:** TPE moulded gasket, silicone-free (-40°C to +120°C)

**Lid screws:** Stainless steel 1.4567 (V2A), captive

**Design covers:** Latching, polyoxymethylene (POM) RAL 7040, window grey.

**Integrated lid supports:** Polypropylene (PP) in RAL 7040, window grey

**Surface:** Powder coating in RAL 7040, window grey

**Optionally available:**

**Design covers:** Latching, aluminium profile, anodised silver

**Transparent lid:** Polycarbonate (PC) AC 092K and ACF 110K

**Gasket:** Silicone gasket (-50°C to +140°C), EMC gasket (-55°C to +160°C)

**Ingress protection:** IP69K / DIN 40050

**Surface:** Corrosion protection, special colours

**Further options see range overview.**

## Range overview aluCASE

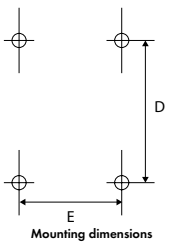
| | Type | Mat.-Nr. | L | W | H | D | E | g | ID | DP | DA | S | ST | L | D | EMC | 69K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AC 052 | 191.052.000 | 75 | 50 | 33 | 61 | 34 | 134 | ❍ | ❑ | ❍ | ❍ | ❍ | ● | ● | ● | ● |
| | AC 054 | 191.054.000 | 100 | 50 | 33 | 86 | 34 | 166 | ❍ | ❑ | ❍ | ❍ | ❍ | ● | ● | ● | ● |
| | AC 070 | 191.070.000 | 100 | 70 | 50 | 84 | 33 | 328 | ❍ | ❑ | ❍ | ❍ | ❍ | ● | ● | ● | ● |
| | AC 072 | 191.072.000 | 140 | 70 | 50 | 124 | 33 | 411 | ❍ | ❑ | ❍ | ❍ | ❍ | ● | ● | ● | ● |
| | AC 074 | 191.074.000 | 180 | 70 | 50 | 164 | 33 | 495 | ❍ | ❑ | ❍ | ❍ | ❍ | ● | ● | ● | ● |
| | AC 090 | 191.090.000 | 120 | 90 | 60 | 102 | 40 | 580 | ❑ | ❑ | ● | ❍ | ❍ | ● | ● | ● | ● |
| | AC 092 | 191.092.000 | 160 | 90 | 60 | 142 | 40 | 680 | ❑ | ❑ | ● | ❍ | ❍ | ● | ● | ● | ● |
| | AC 092K | 192.092.000 | 160 | 90 | 60 | 142 | 40 | 520 | ❑ | ❑ | ● | ❍ | ❍ | ● | ● | ● | ● |
| | AC 094 | 191.094.000 | 250 | 90 | 60 | 232 | 40 | 861 | ❑ | ❑ | ● | ❍ | ❍ | ● | ● | ● | ● |
| | ACF 110 | 190.110.000 | 140 | 110 | 60 | 122 | 60 | 700 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 110K | 192.110.000 | 140 | 110 | 60 | 122 | 60 | 534 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 112 | 190.112.000 | 200 | 110 | 60 | 182 | 60 | 880 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 130 | 190.130.000 | 160 | 130 | 70 | 142 | 80 | 910 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 132 | 190.132.000 | 220 | 130 | 70 | 202 | 80 | 1.130 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 150 | 190.150.000 | 180 | 150 | 60 | 162 | 100 | 968 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | AC 150 | 191.150.000 | 180 | 150 | 90 | 162 | 100 | 1.216 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 152 | 190.152.000 | 260 | 150 | 60 | 242 | 100 | 1.273 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | AC 152 | 191.152.000 | 260 | 150 | 90 | 242 | 100 | 1.569 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 170 | 190.170.000 | 200 | 170 | 60 | 182 | 120 | 1.096 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | AC 170 | 191.170.000 | 200 | 170 | 90 | 182 | 120 | 1.430 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 172 | 190.172.000 | 280 | 170 | 60 | 262 | 120 | 1.471 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | AC 172 | 191.172.000 | 280 | 170 | 90 | 262 | 120 | 1.789 | ❑ | ❑ | ● | ● | ● | ● | ● | ● | ● |
| | ACF 200 | 190.200.100 | 230 | 200 | 90 | 212 | 144 | 1.720 | ❑ | ❍ | ❑ | ● | ● | ● | ● | ● | ● |
| | AC 200 | 191.200.100 | 230 | 200 | 120 | 212 | 144 | 2.005 | ❑ | ❍ | ❑ | ● | ● | ● | ● | ● | ● |
| | AC 202 | 191.202.100 | 330 | 200 | 120 | 312 | 144 | 2.328 | ❑ | ❍ | ❑ | ● | ● | ● | ● | ● | ● |
| * | AC 250 | 191.250.100 | 280 | 250 | 120 | 262 | 194 | 2.643 | ❑ | ❍ | ❑ | ● | ● | ● | ● | ● | ❍ |
| * | AC 252 | 191.252.100 | 380 | 250 | 120 | 362 | 194 | 3.295 | ❑ | ❍ | ❑ | ● | ● | ● | ● | ● | ❍ |
| * | AC 300 | 191.300.100 | 330 | 300 | 120 | 312 | 244 | 3.353 | ❑ | ❍ | ❑ | ● | ● | ● | ● | ● | ❍ |
| * | AC 302 | 191.302.100 | 430 | 300 | 120 | 412 | 244 | 4.092 | ❑ | ❍ | ❑ | ● | ● | ● | ● | ● | ❍ |

* IP66 / Chloroprene gasket (-30°C bis +90°C)

❑ Standard ● Available ❍ Not available

**Approvals:**

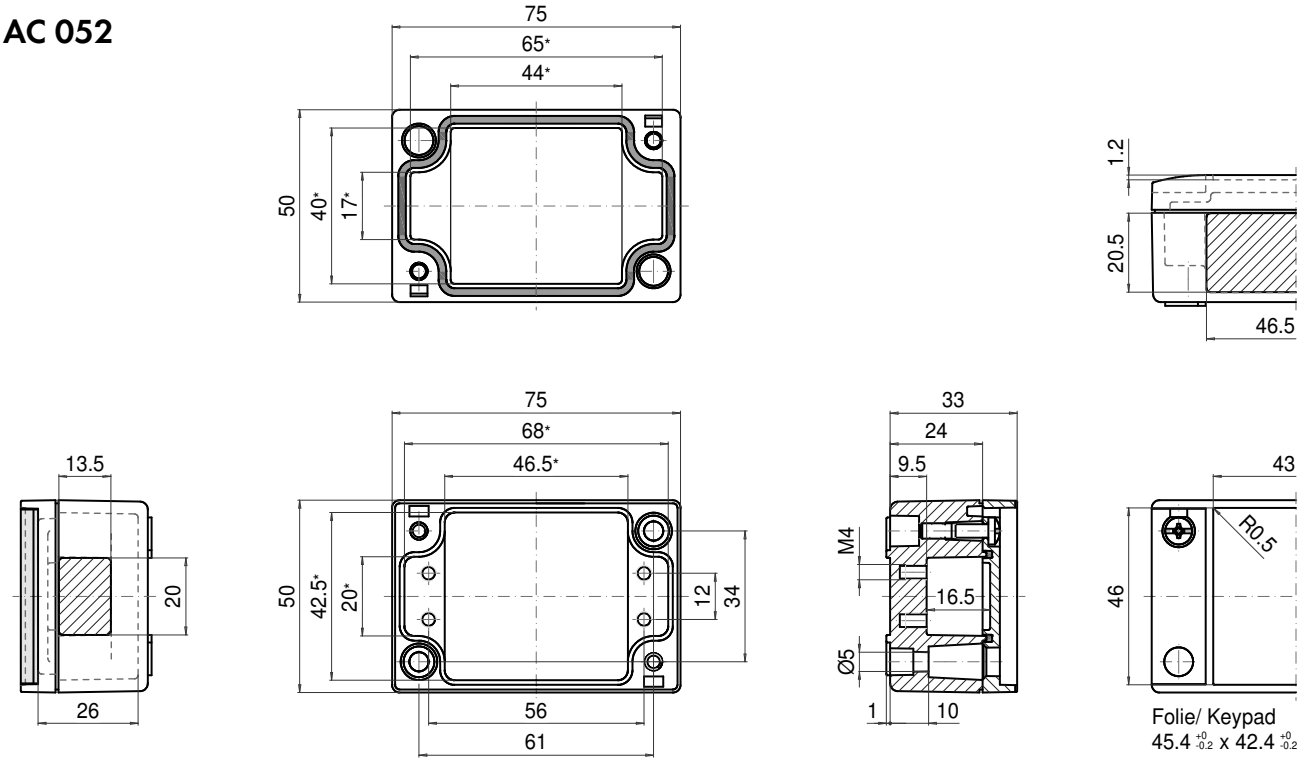




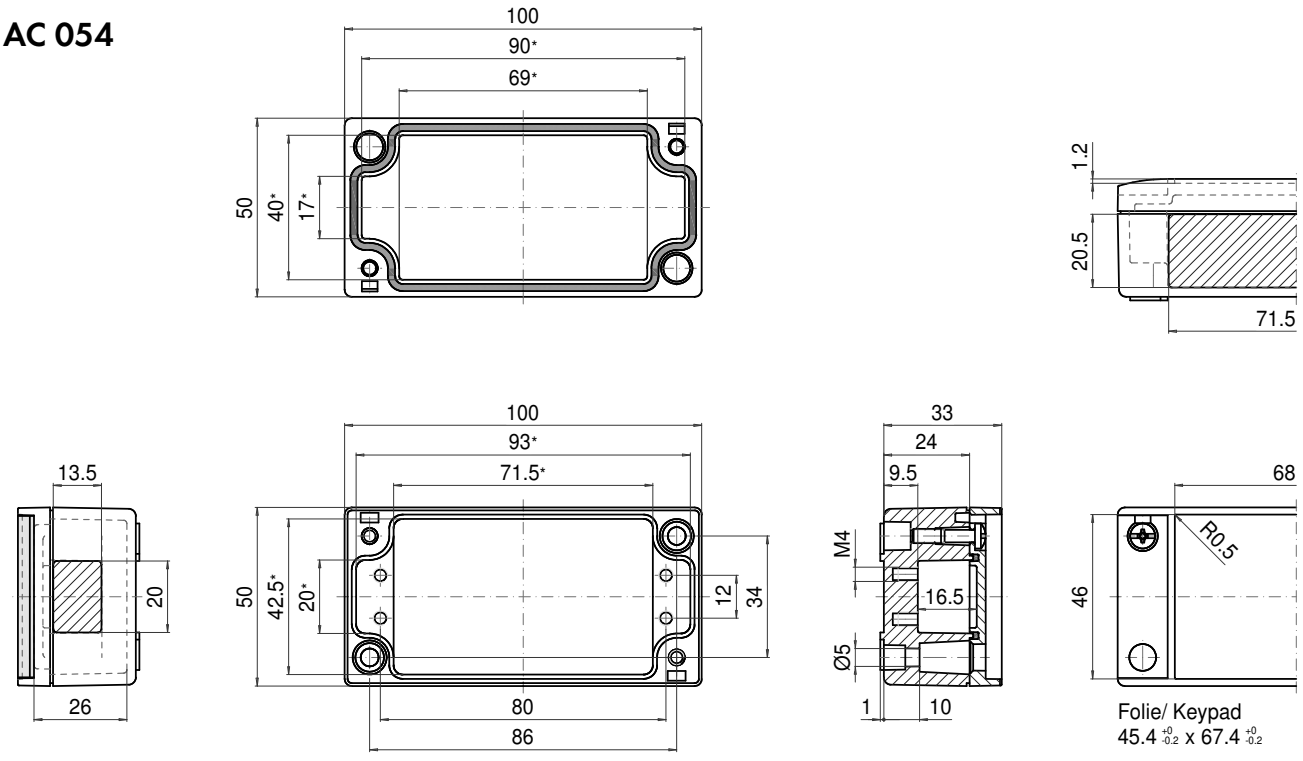

# ROLEC Attachment and mounting dimensions
## aluCASE

### AC 052



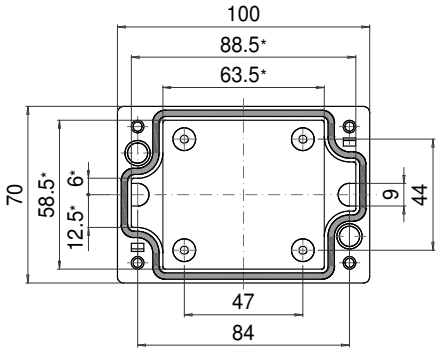

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

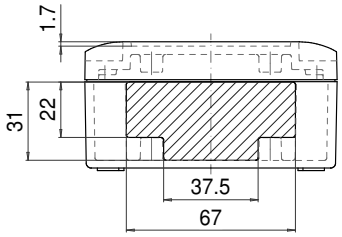
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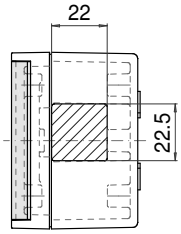


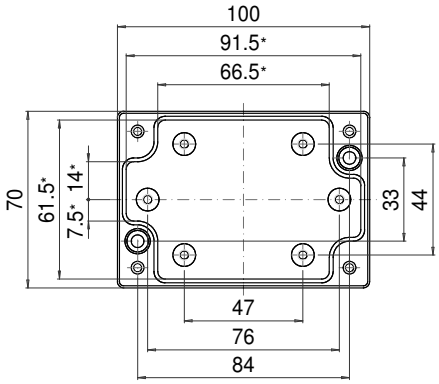

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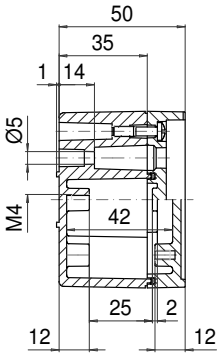
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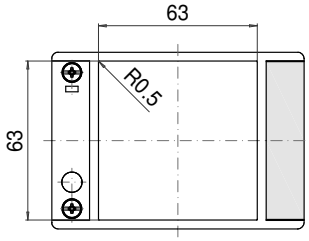


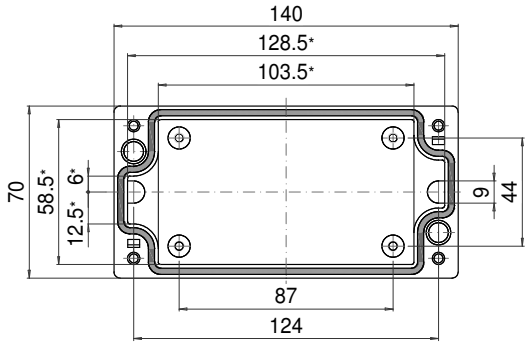



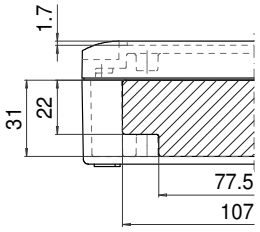



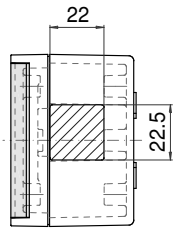

Folie/ Keypad
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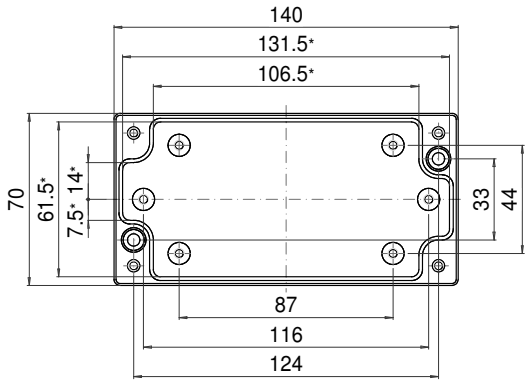
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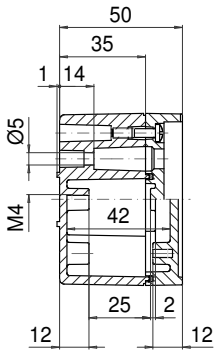
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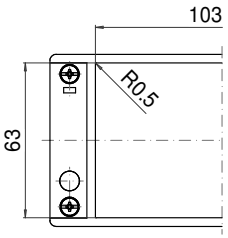


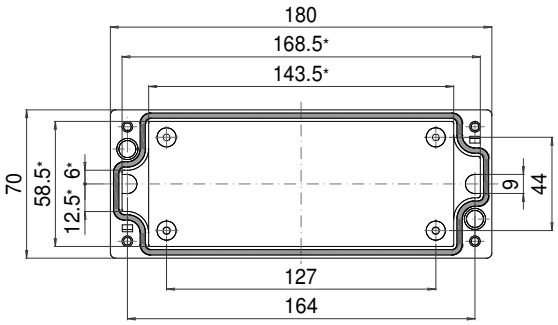

Folie/ Keypad
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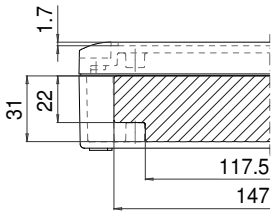
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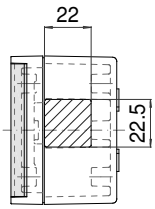
# ROLEC Attachment and mounting dimensions

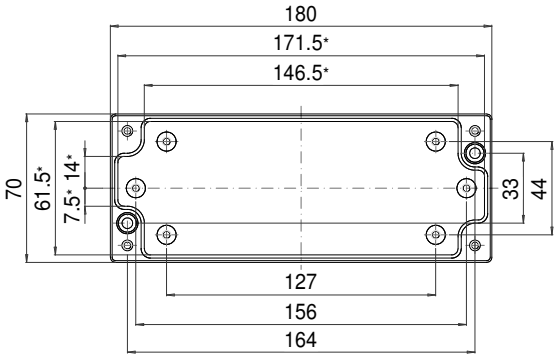
## aluCASE

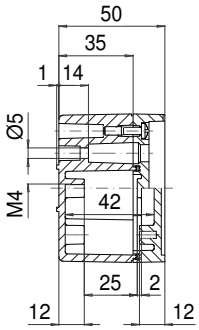
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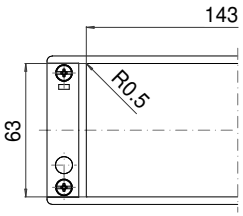


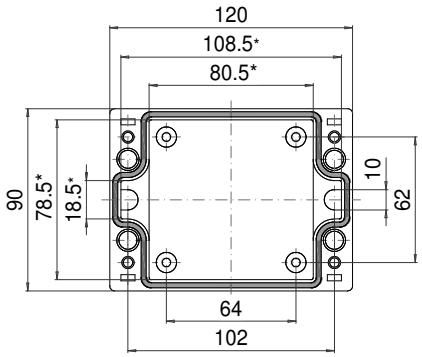



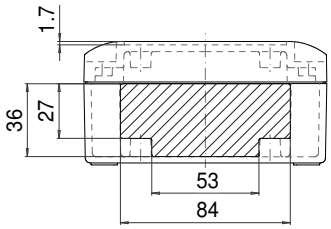



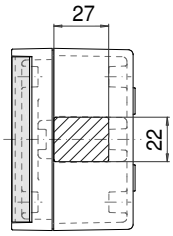

Folie/ Keypad
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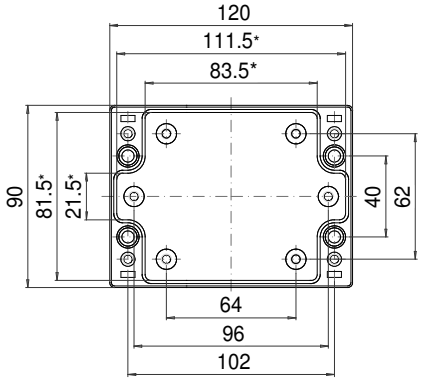
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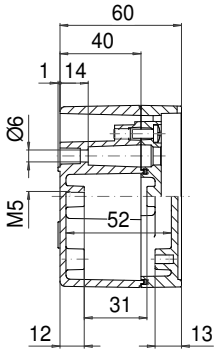
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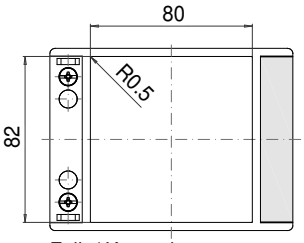


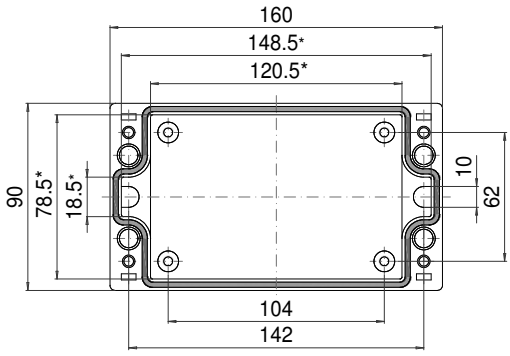



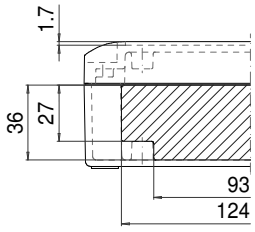



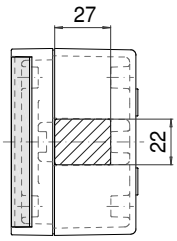

Folie/ Keypad
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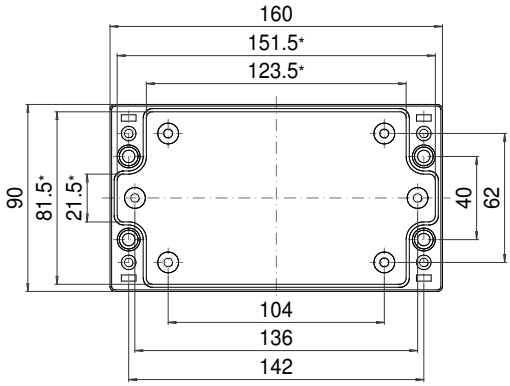
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

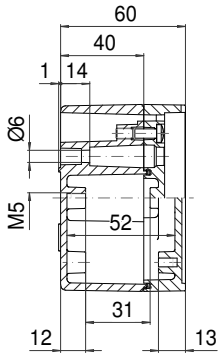
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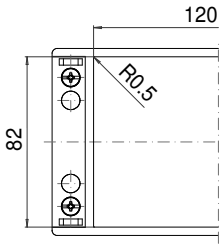


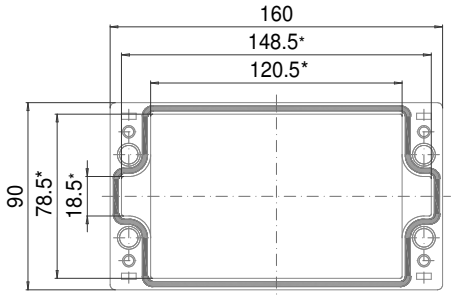



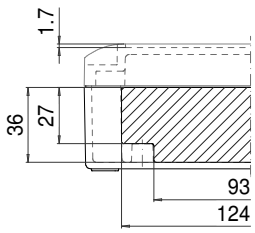

Folie/ Keypad
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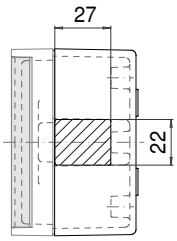
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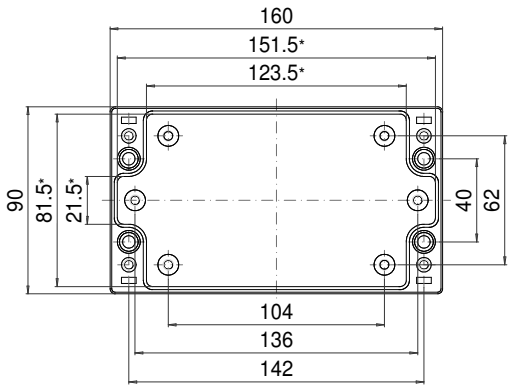
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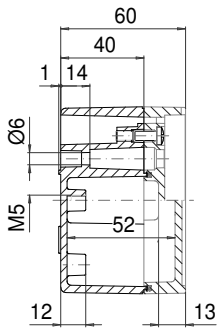


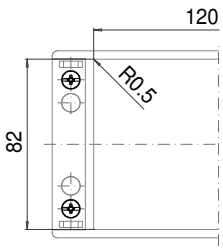

transparent lid



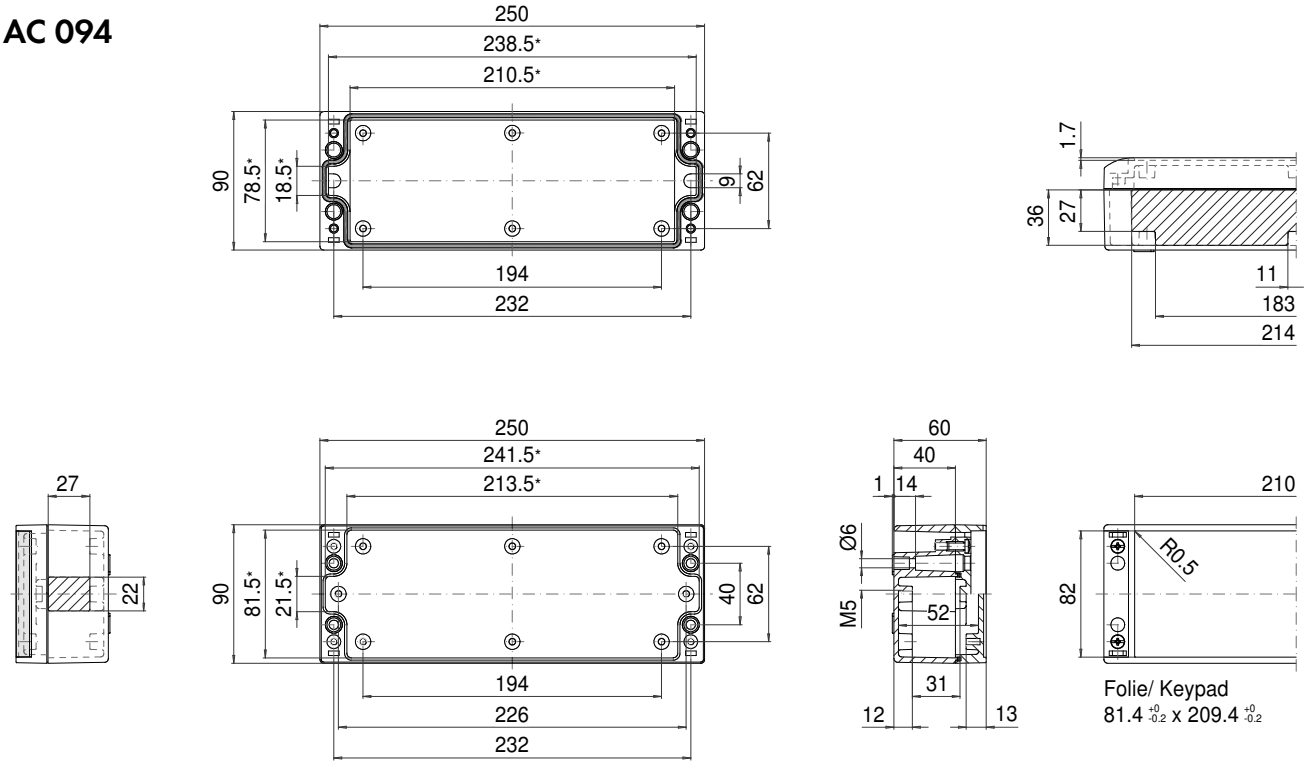

Folie/ Keypad
81.4 $^{+0}_{-0.2}$ x 119.4 $^{+0}_{-0.2}$

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

# ROLEC Attachment and mounting dimensions

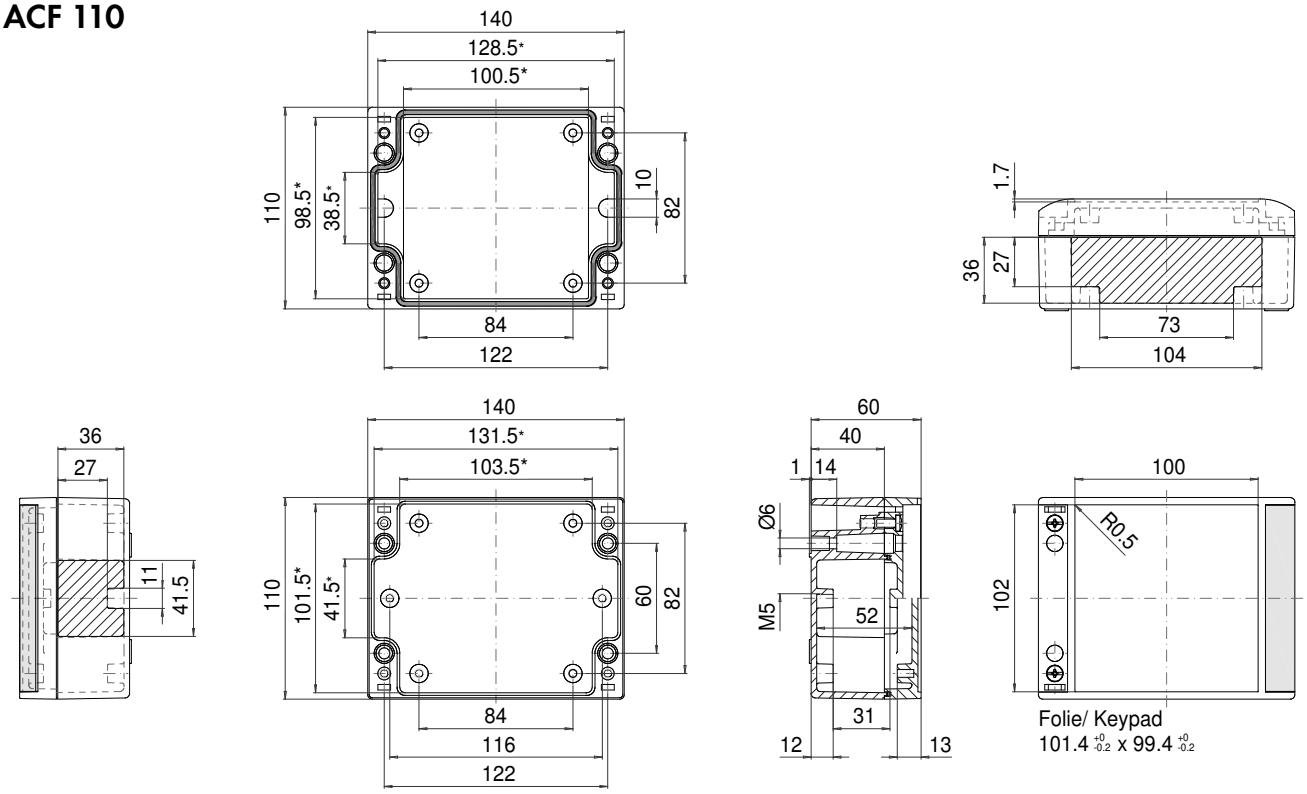
## aluCASE

### AC 094



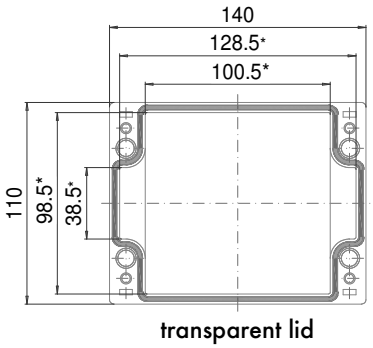

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

### ACF 110

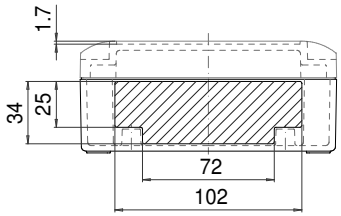


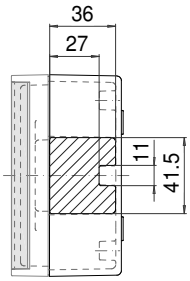

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

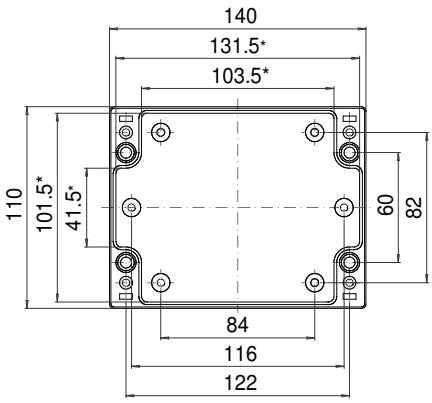
## ACF 110K

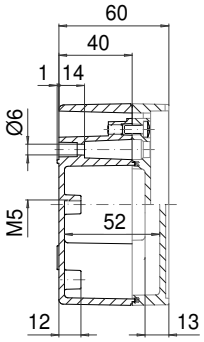


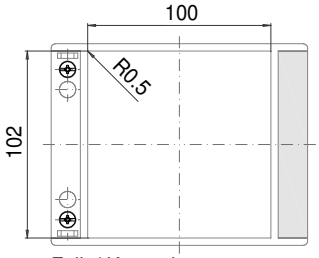

transparent lid



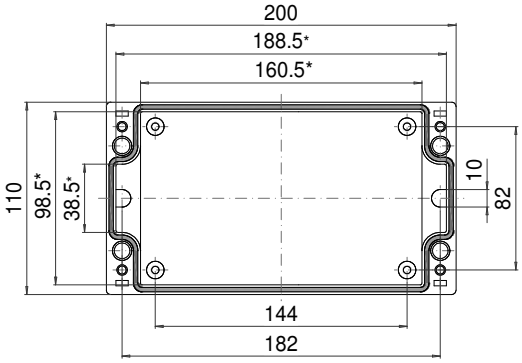



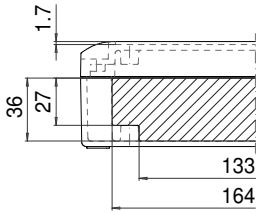



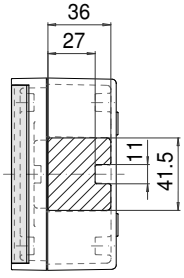

Folie/ Keypad
101.4 $^{+0}_{-0.2}$ x 99.4 $^{+0}_{-0.2}$

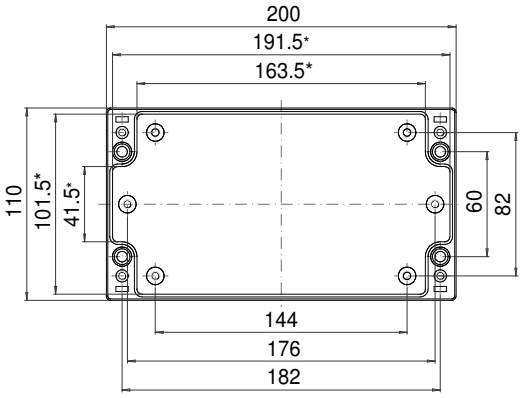
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

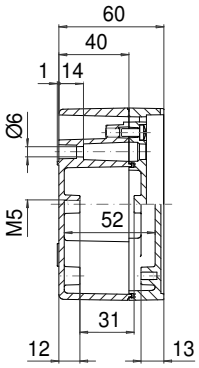
## ACF 112

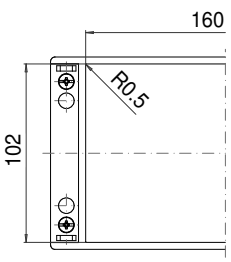


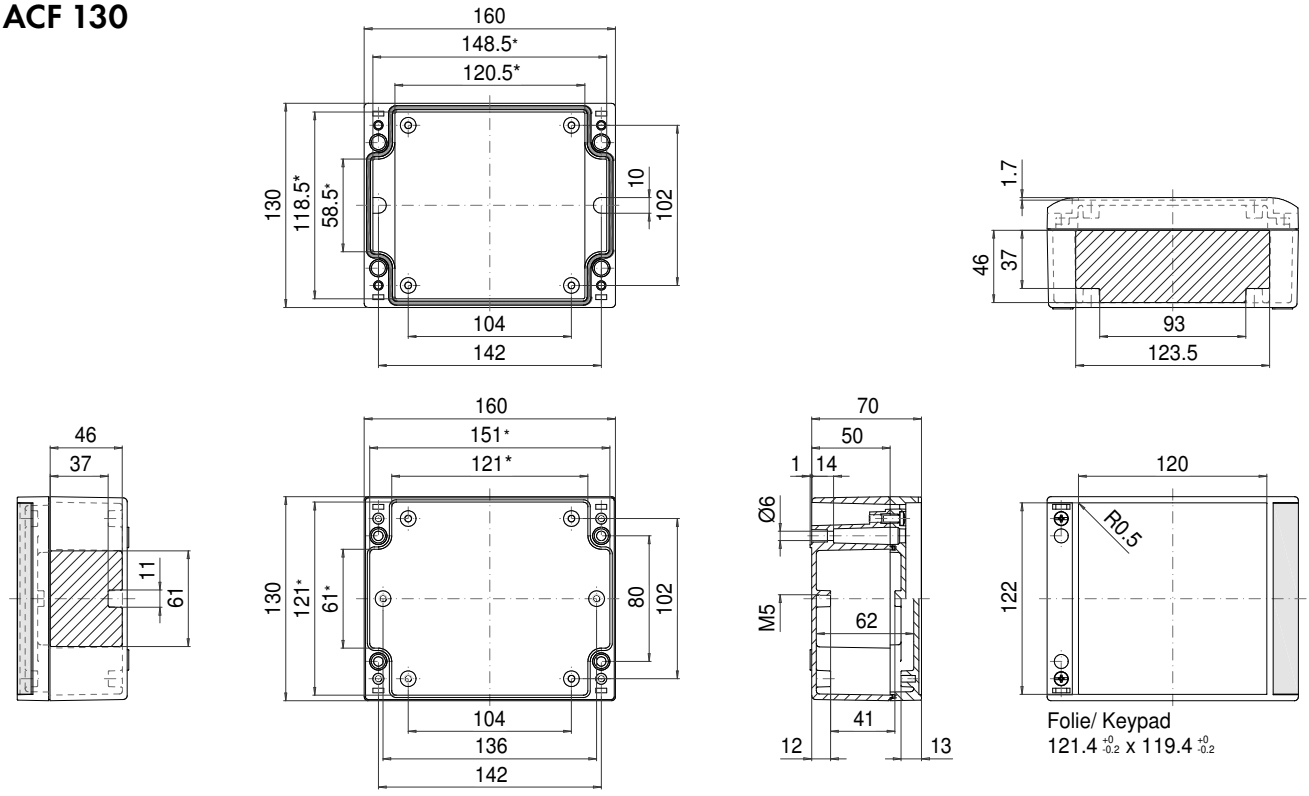

Folie/ Keypad
101.4 $^{+0}_{-0.2}$ x 159.4 $^{+0}_{-0.2}$

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

# ROLEC Attachment and mounting dimensions

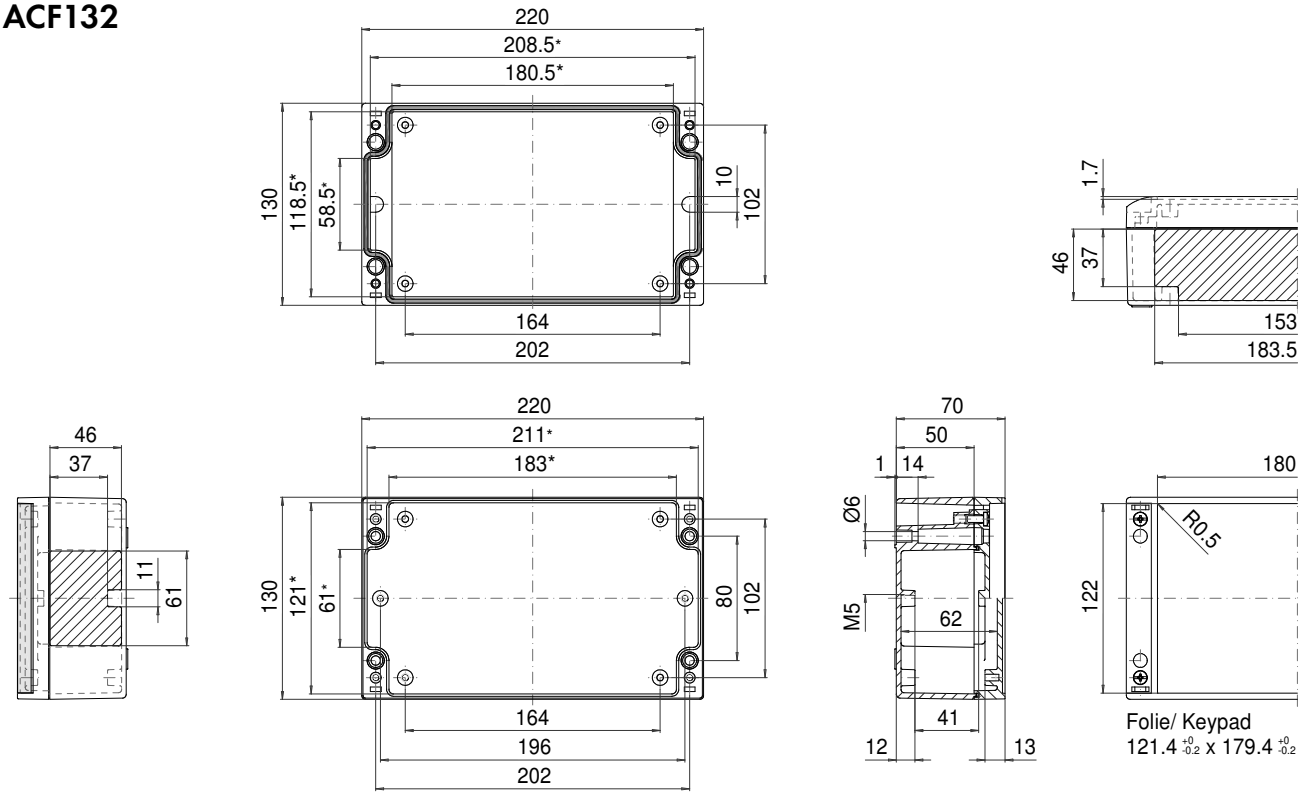
## aluCASE

### ACF 130



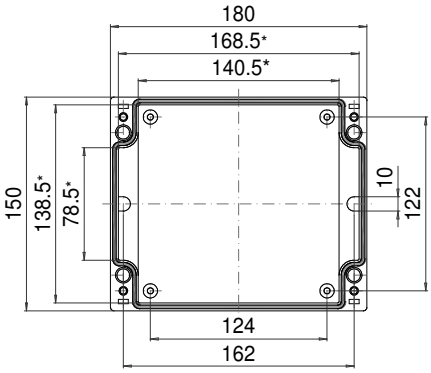

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

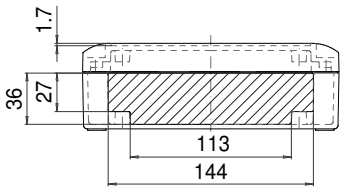
### ACF132

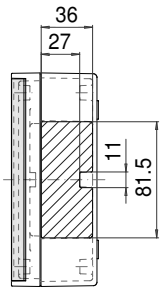


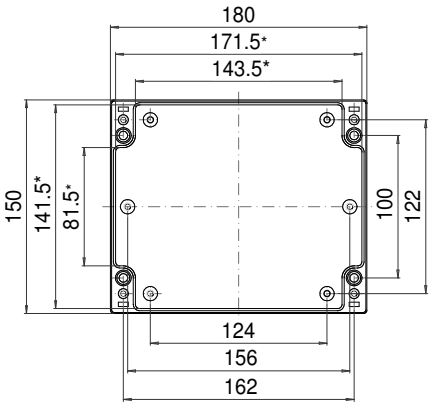

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

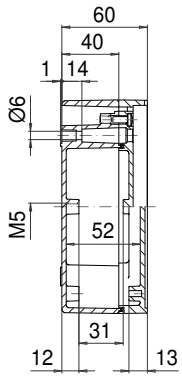
## ACF 150

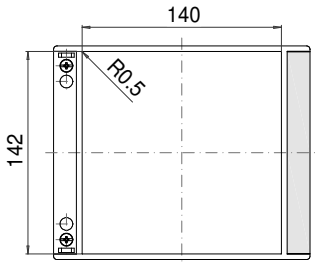


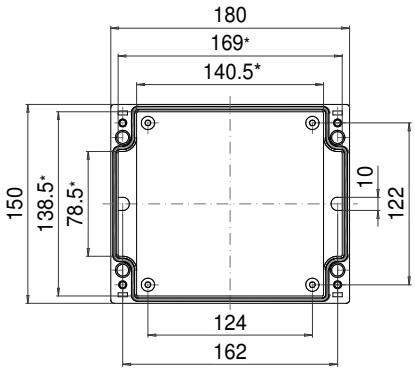



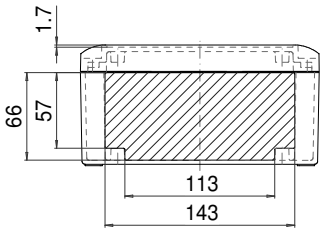



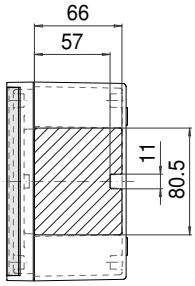

Folie/ Keypad
141.4 $^{+0}_{-0.2}$ x 139.4 $^{+0}_{-0.2}$

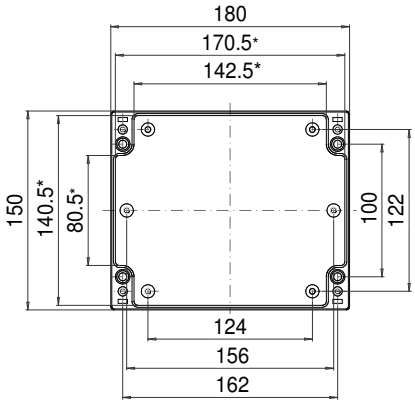
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

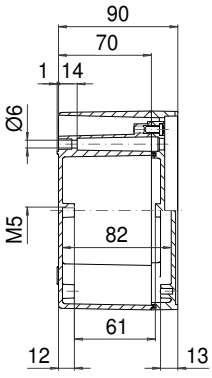
## AC 150

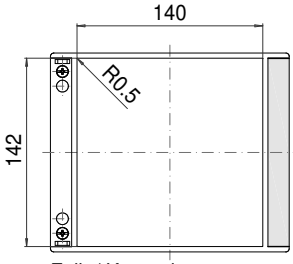


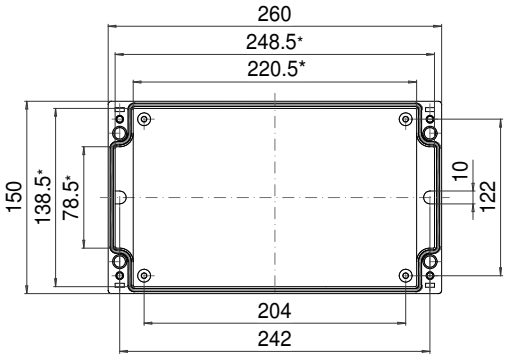

Folie/ Keypad
141.4 $^{+0}_{-0.2}$ x 139.4 $^{+0}_{-0.2}$

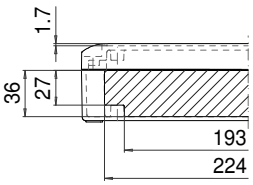
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

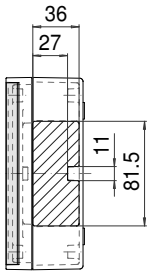
# ROLEC Attachment and mounting dimensions

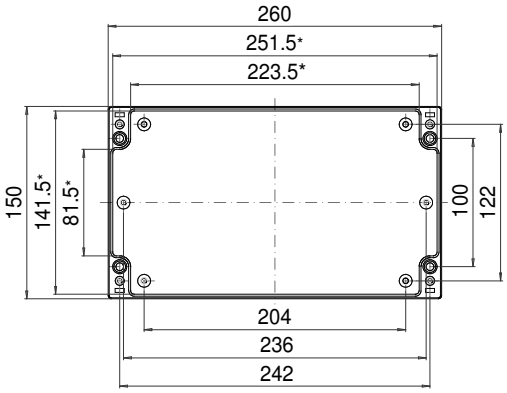
## aluCASE

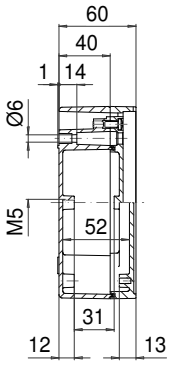
### ACF 152

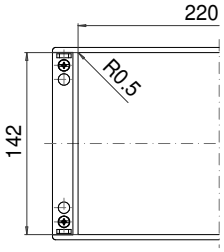


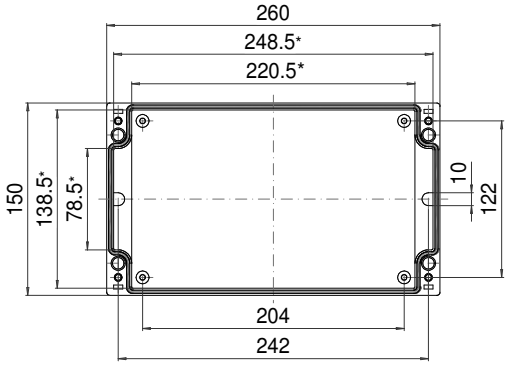



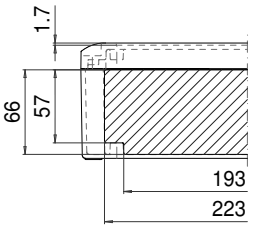



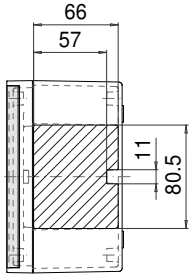

Folie/ Keypad
141.4 $^{+0}_{-0.2}$ x 219.4 $^{+0}_{-0.2}$

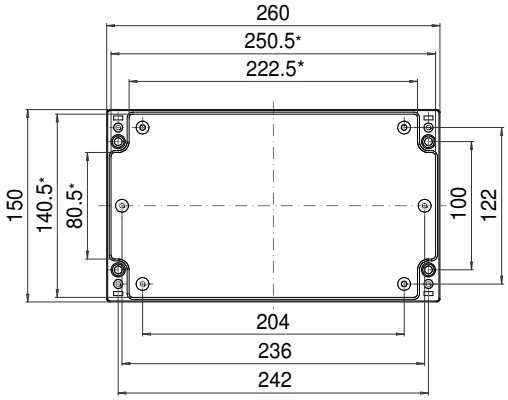
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

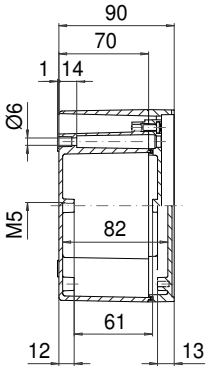
### AC 152

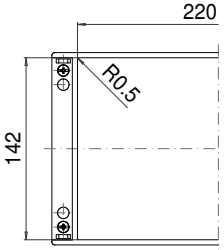


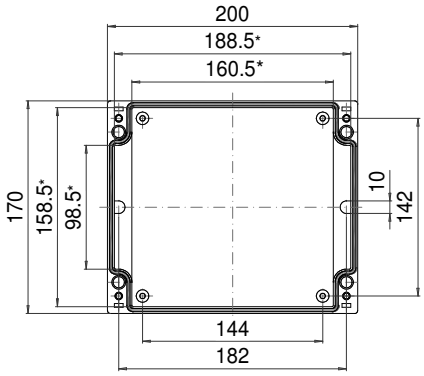



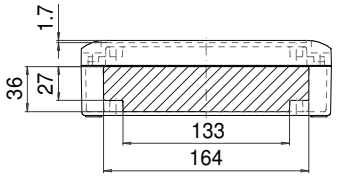



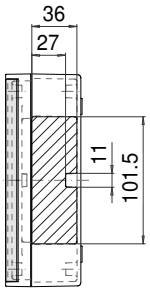

Folie/ Keypad
141.4 $^{+0}_{-0.2}$ x 219.4 $^{+0}_{-0.2}$

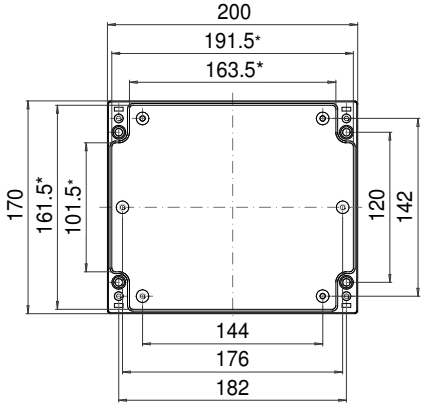
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

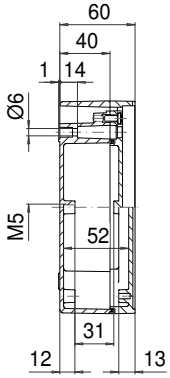
## ACF 170

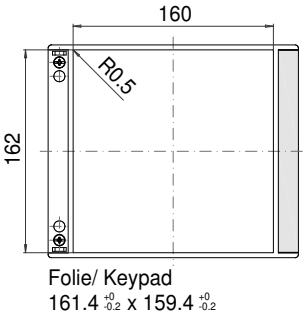


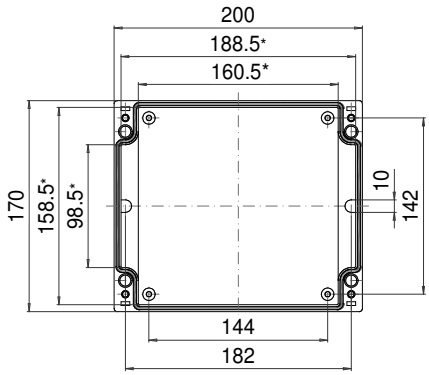



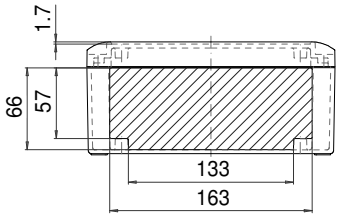



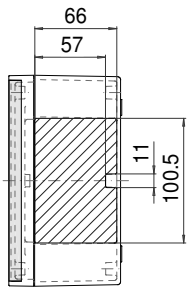

Folie/ Keypad
161.4 $^{+0}_{-0.2}$ x 159.4 $^{+0}_{-0.2}$

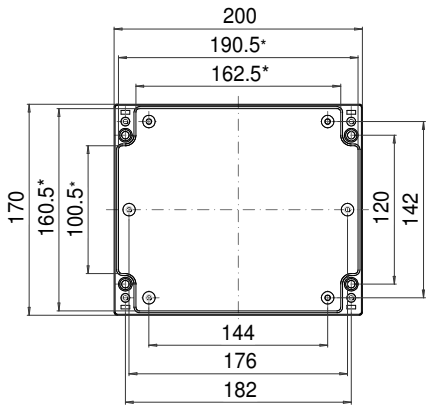
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

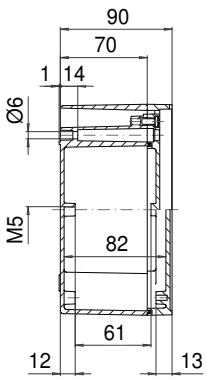
## AC 170

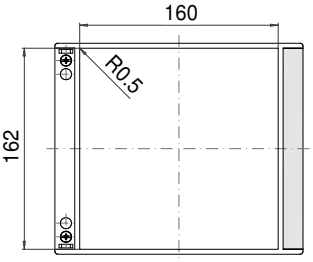


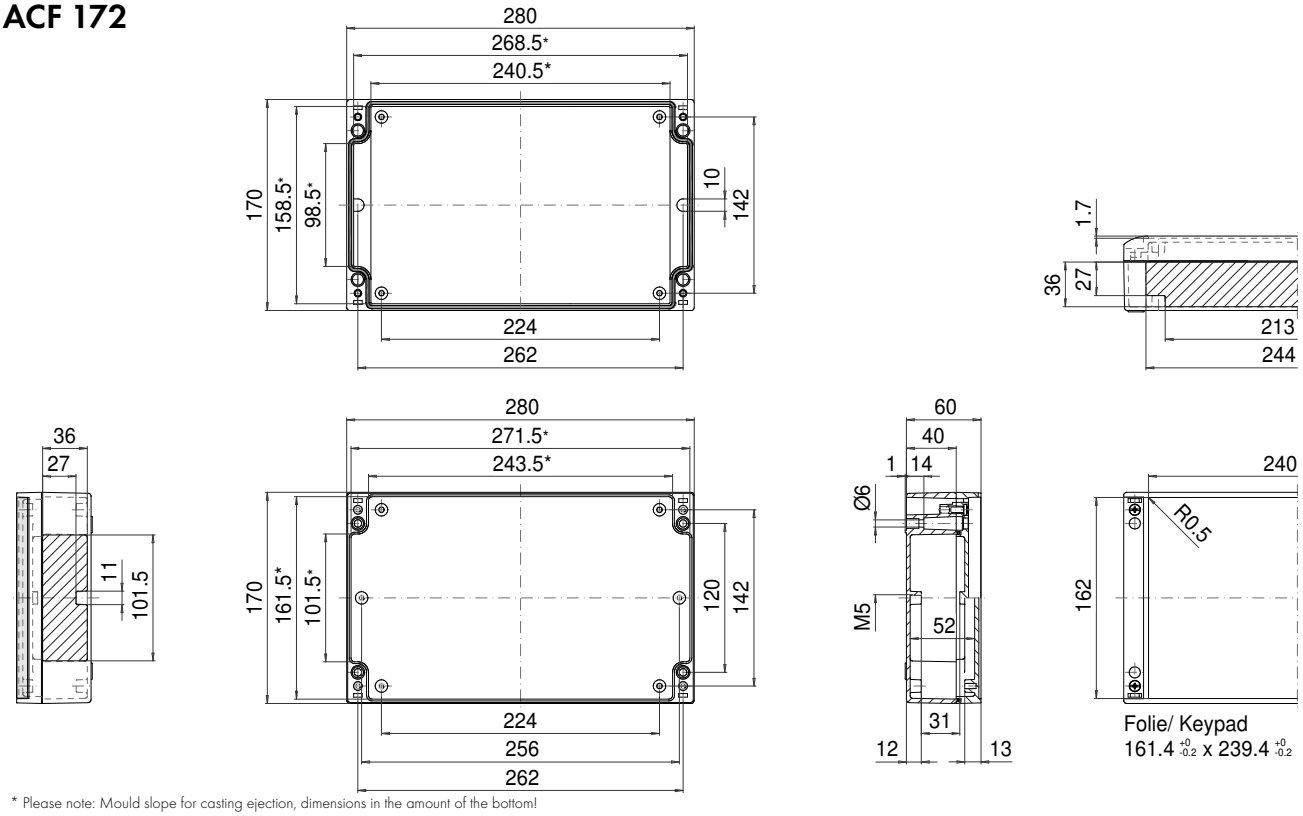

Folie/ Keypad
161.4 $^{+0}_{-0.2}$ x 159.4 $^{+0}_{-0.2}$

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

# ROLEC Attachment and mounting dimensions

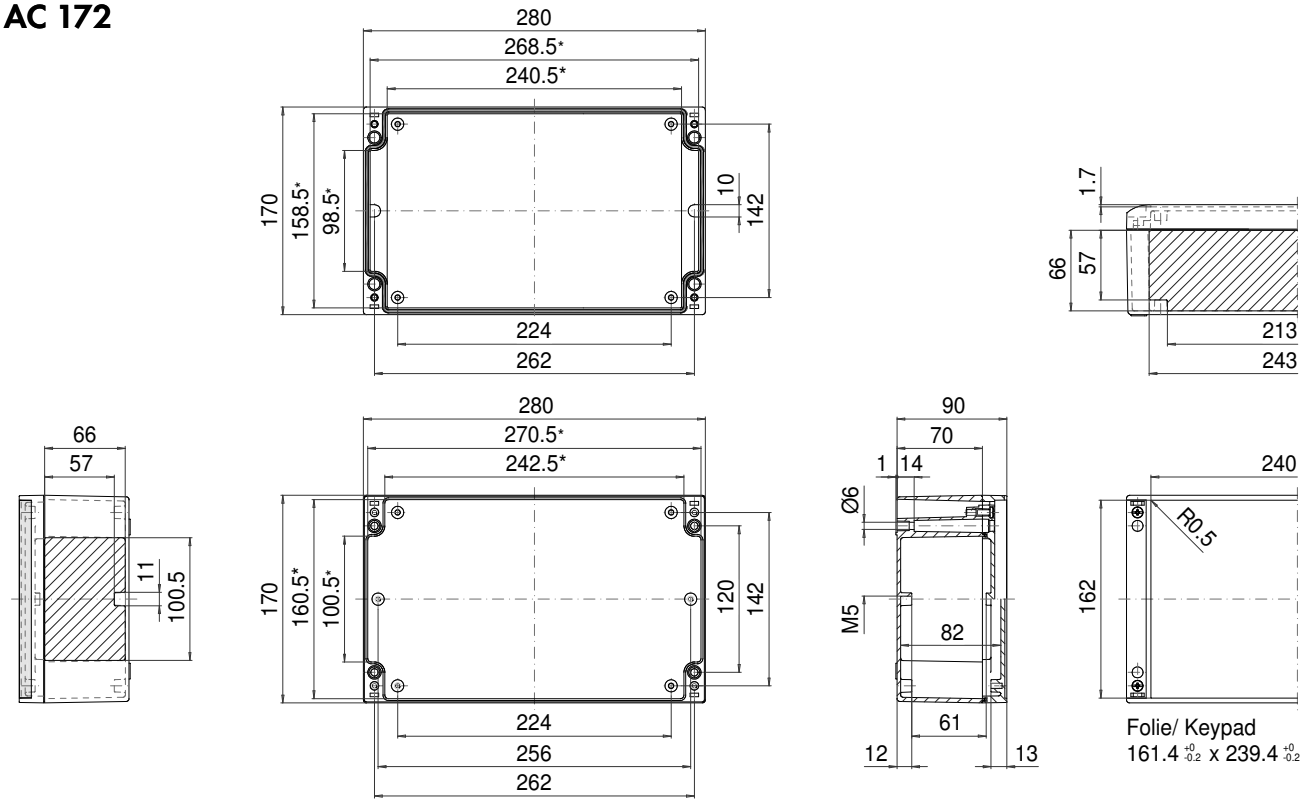
## aluCASE

### ACF 172



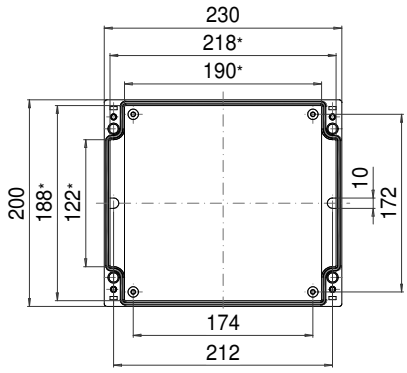

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

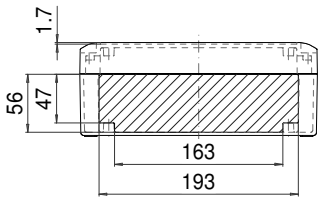
### AC 172

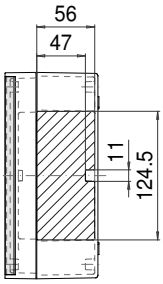


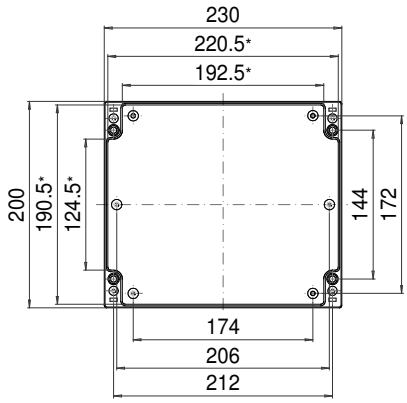

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

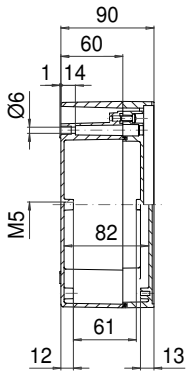
## ACF 200

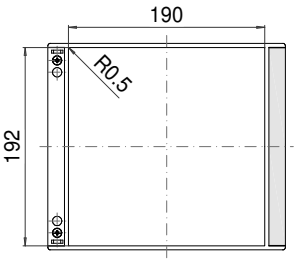


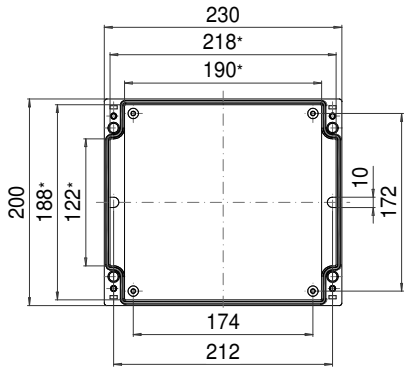



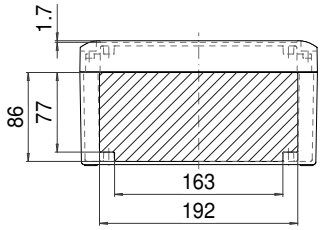



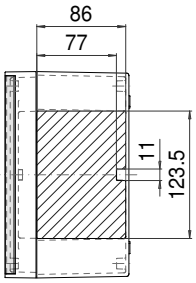

Folie/ Keypad
191.4 $^{+0}_{-0.2}$ x 189.4 $^{+0}_{-0.2}$

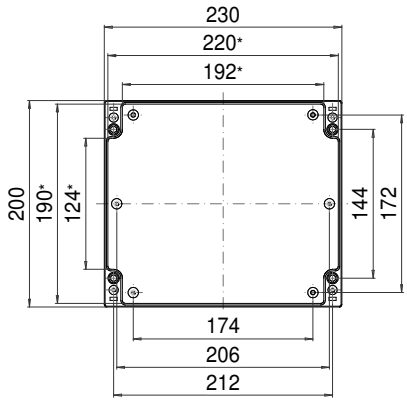
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

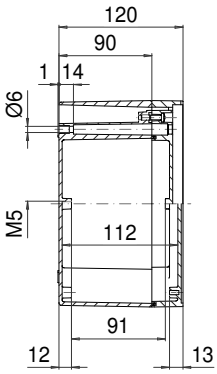
## AC 200

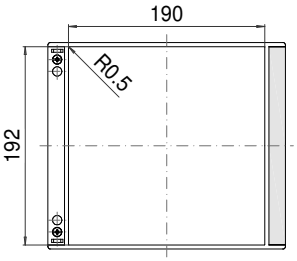


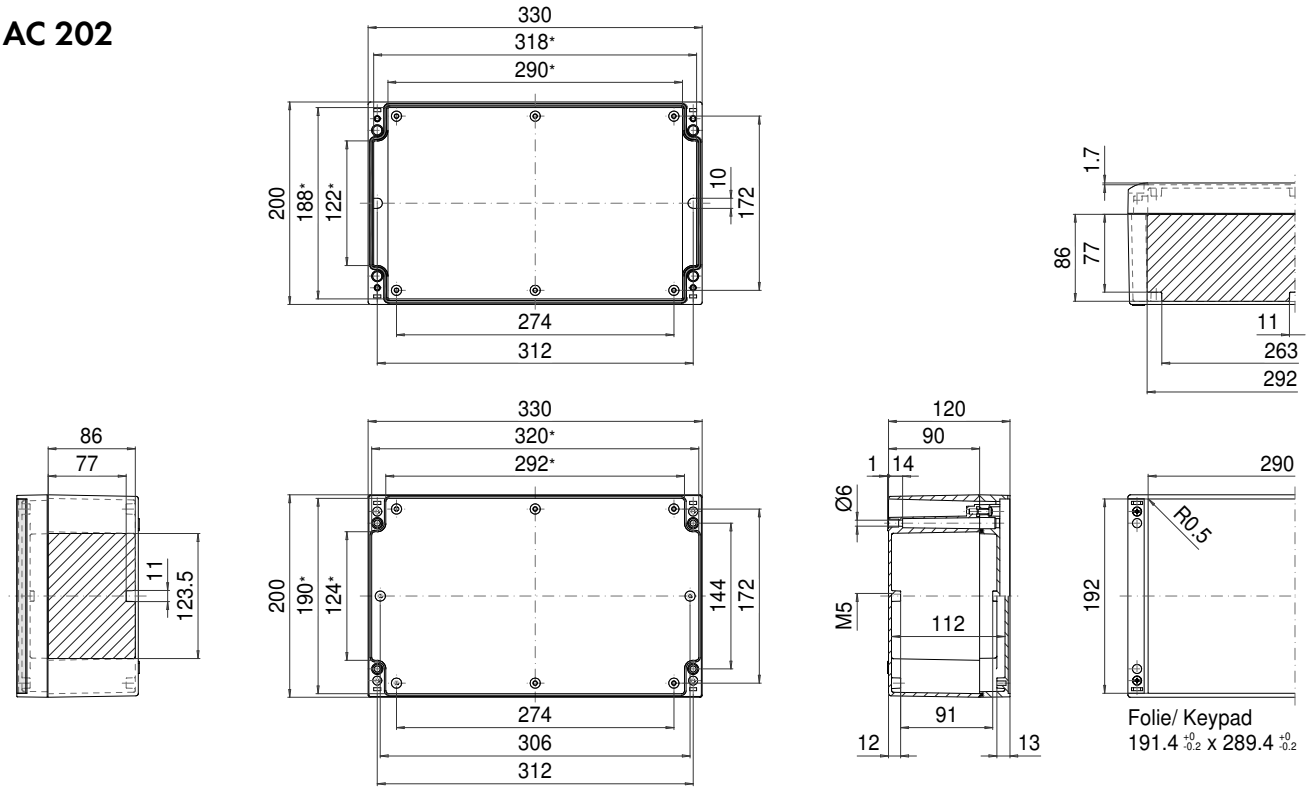

Folie/ Keypad
191.4 $^{+0}_{-0.2}$ x 189.4 $^{+0}_{-0.2}$

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

# ROLEC Attachment and mounting dimensions

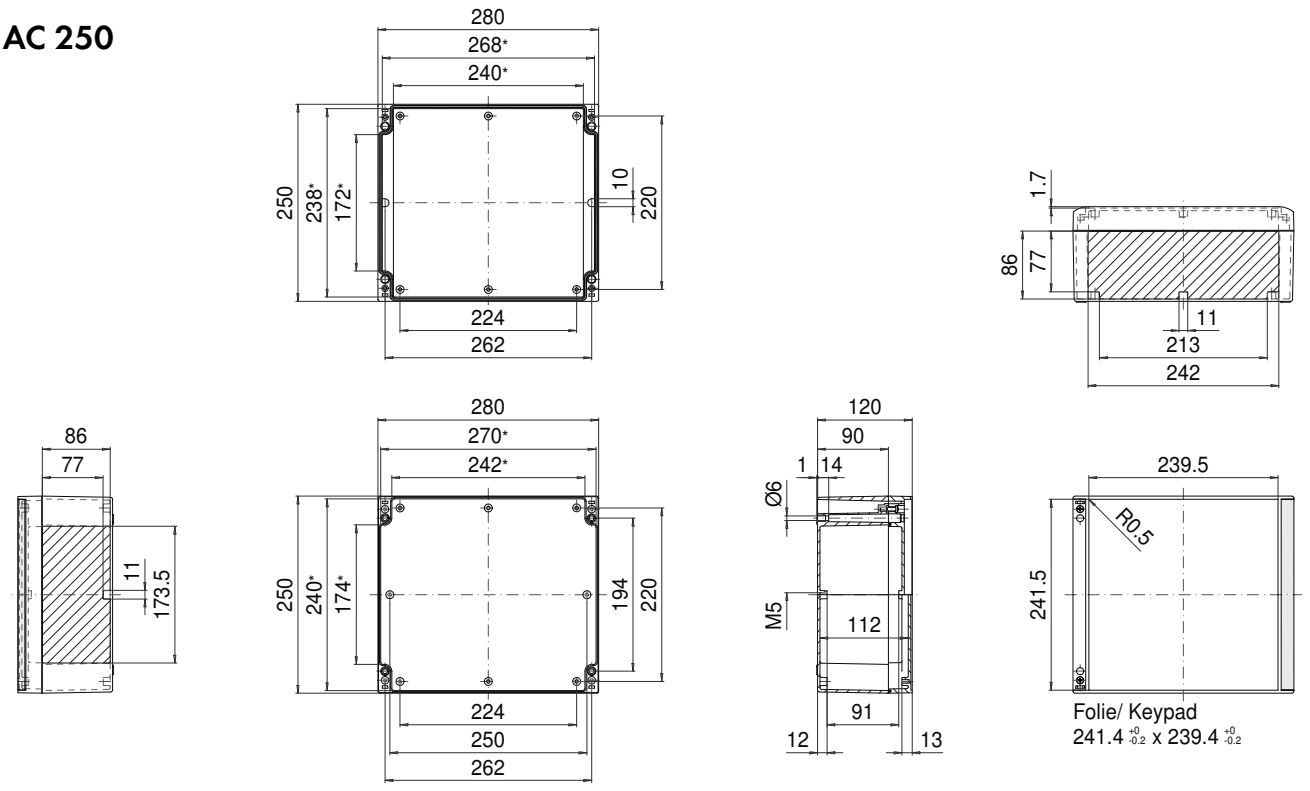
## aluCASE

### AC 202



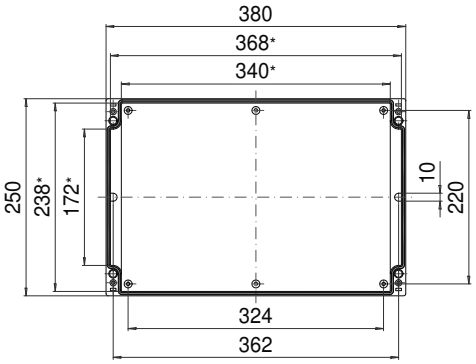

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

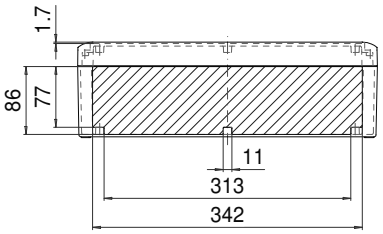
### AC 250

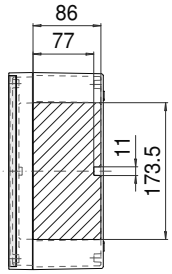


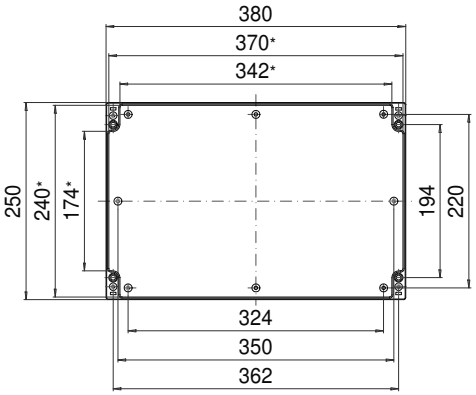

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

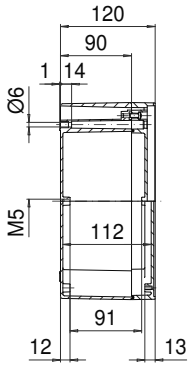
## AC 252

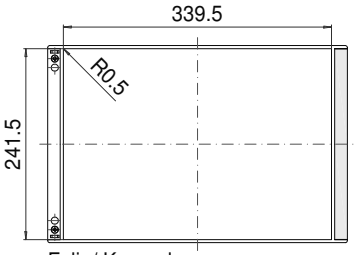


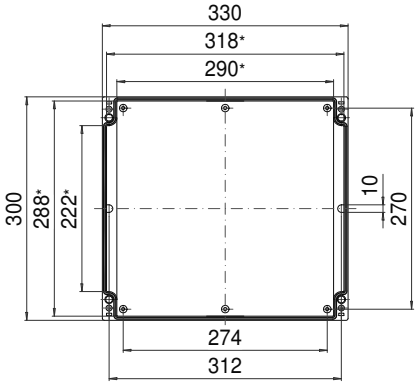



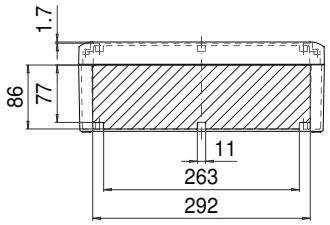



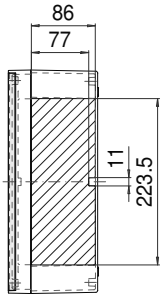

Folie/ Keypad
241.4 $^{+0}_{-0.2}$ x 339.4 $^{+0}_{-0.2}$

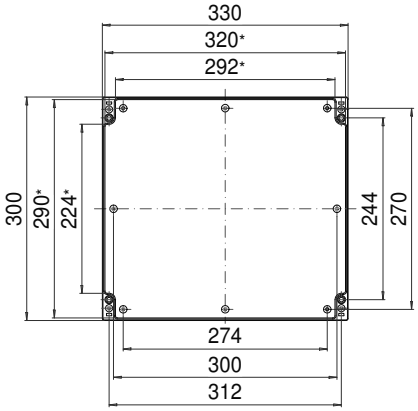
* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

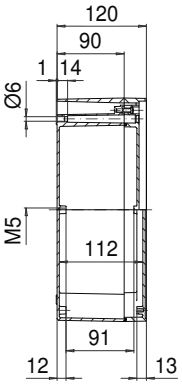
## AC 300

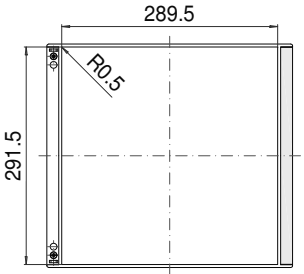


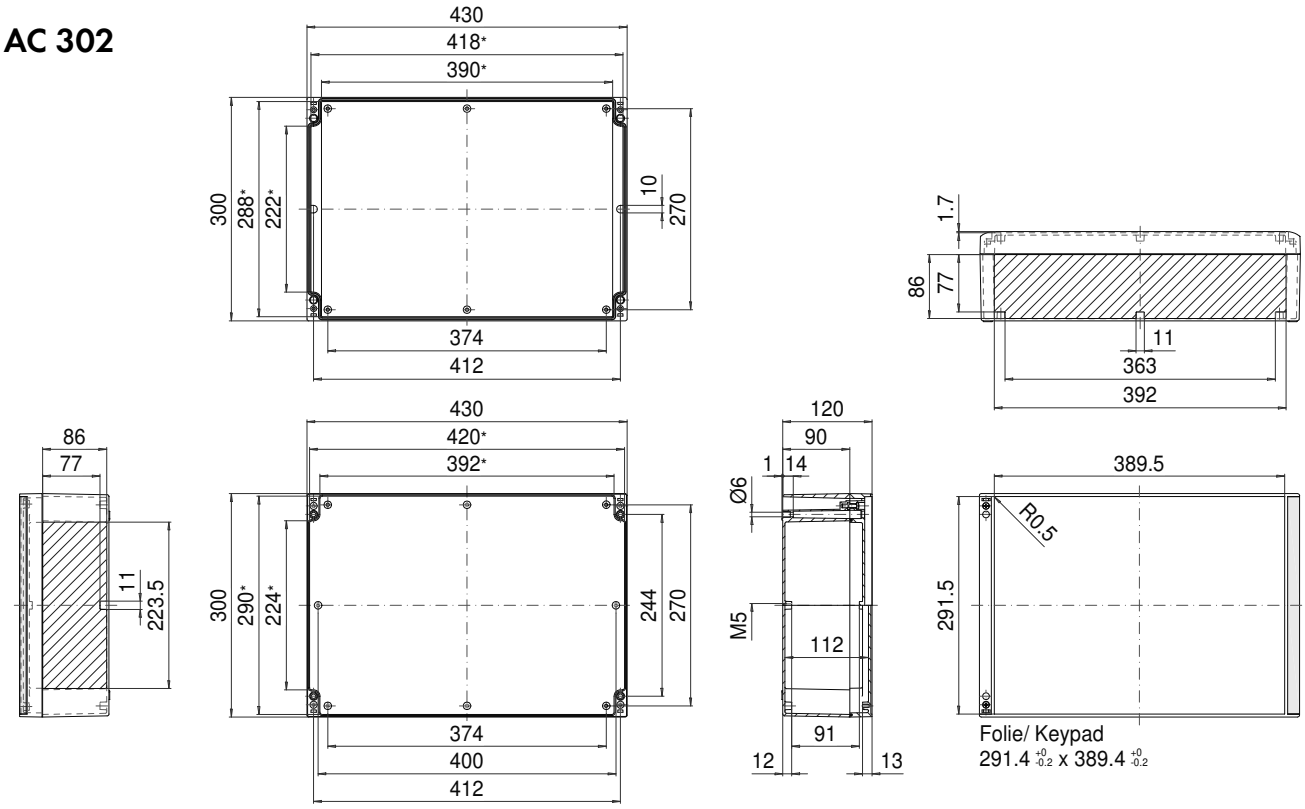

Folie/ Keypad
291.4 $^{+0}_{-0.2}$ x 289.4 $^{+0}_{-0.2}$

* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

# ROLEC Attachment and mounting dimensions

## aluCASE

### AC 302




* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!