

106.163.000
aluKOM AK 163



technical data

Material	Aluminum
Protection class	IP 66/EN 60529
Colour	RAL 7032, Pebble gray RAL 7032
Certifications	GOST
Length	14.173" 360 mm
Width	6.299" 160 mm
Height	3.543" 90 mm
Weight (g)	2540 g
Country of manufacture	Germany
Customs tariff number	76169910

aluKOM

CLASSIC, INDUSTRY STANDARD DIECAST ALUMINUM ENCLOSURES FOR INDUSTRIAL EQUIPMENT

IP 66

aluKOM is a watertight IP66 enclosure made from diecast aluminum which has gone on to become the global standard since its introduction. Originally developed as a terminal enclosure, it is ideal for mounting all types of electronic and electrical components.

The large range of sizes is suitable for many different applications. aluKOM is also available with an RFI/EMI shielded gasket. Threaded screw bosses are provided in the base for fitting circuit boards, terminal rails, mounting plates etc. Compatible cable glands and accessories are also available.

We can supply aluKOM enclosures fully customized to your requirements.

Enclosure sizes
24 sizes

Dimensions: L x W x H

1,96" x 1,77" x 1,18" to 23,62" x 12,20" x 4,33"

Additional info
Compatible with available standard products

Wide variety of accessories

Optional: EMC model also available

Enclosure
Die-cast aluminum

EN AC 44300/EN AC-44200 (DIN EN 1706)

1° mold slope for casting ejection > internal circumference dimensions decrease by 1° towards enclosure bottom.

Fastening
Separate screw channels, fastening brackets available as accessories

Internal mounting
M4/M6 fastening thread in lateral bars on the enclosure base

Ingress protection
IP 66 / EN 60529

Gasket

Chloroprene O-ring gasket (CR), temperature resistance: -30°C to +90°C

or: TPE molded gasket, silicone-free, temperature resistance: -40°C to +120°C

Optional: Silicone gasket, temperature resistance: -50°C to +140°C

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating, pebble gray RAL 7032

Optional: Special colors

Optional: Corrosion protection

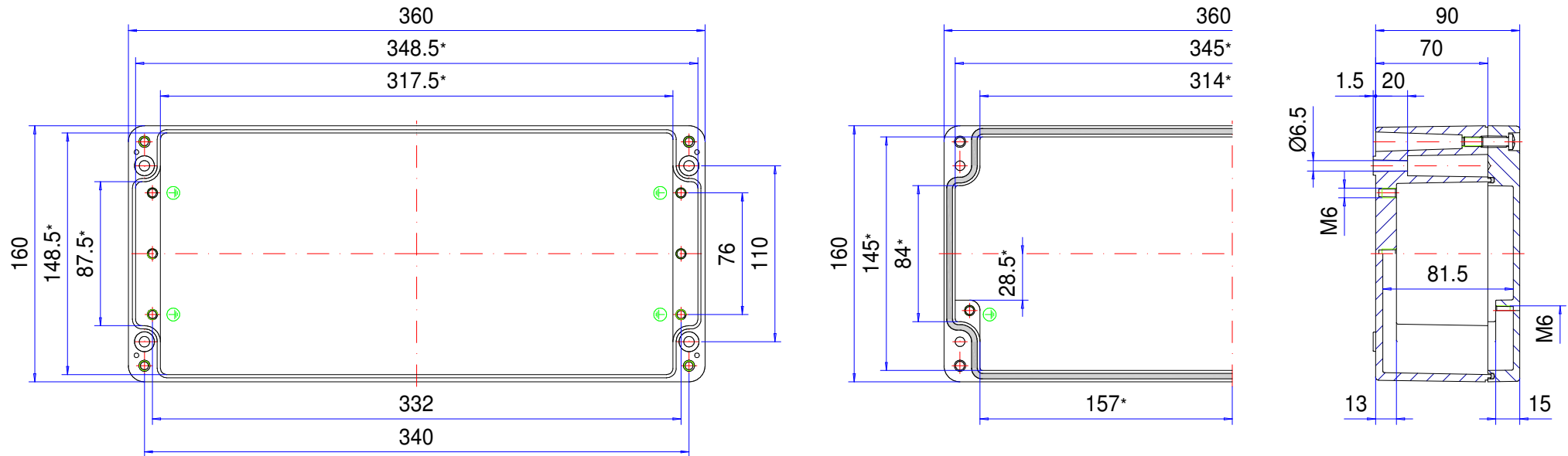
Customizing

Learn more about our full customizing service for installation-ready enclosures

Enclosure series aluKOM

Type: AK 163

Material-No.: 106.163.000



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

Enclosure material	GD-Al Si 12 (DIN 1725)	Weight	2.540 g
Lid screws	4x stainless steel 1.4567 (V2A), captive	Earthing screws	4x M6x9, copper-plated
Gasket	1x Chloroprene (CR), light grey	Coating	Powder coating RAL 7032, pebble grey
Ingress protection	IP66 EN 60529	Tolerance	GTA 13/5 DIN 1688-4 (outside dimensions ±0,5mm)