

# Nordbo Active Compensation Unit

## Accurate and consistent force control for any application.

The Nordbo Active Compensation unit is a lightweight, easy-to-install compensation tool unit that assures a constant applied force, regardless of the complexity of the surface curvature, processing speed, and orientation of the tool.

- **Consistent quality output**

Fine tune the amount of force used in applications to ensure that the perfect result can be achieved again and again

- **Versatile and lightweight**

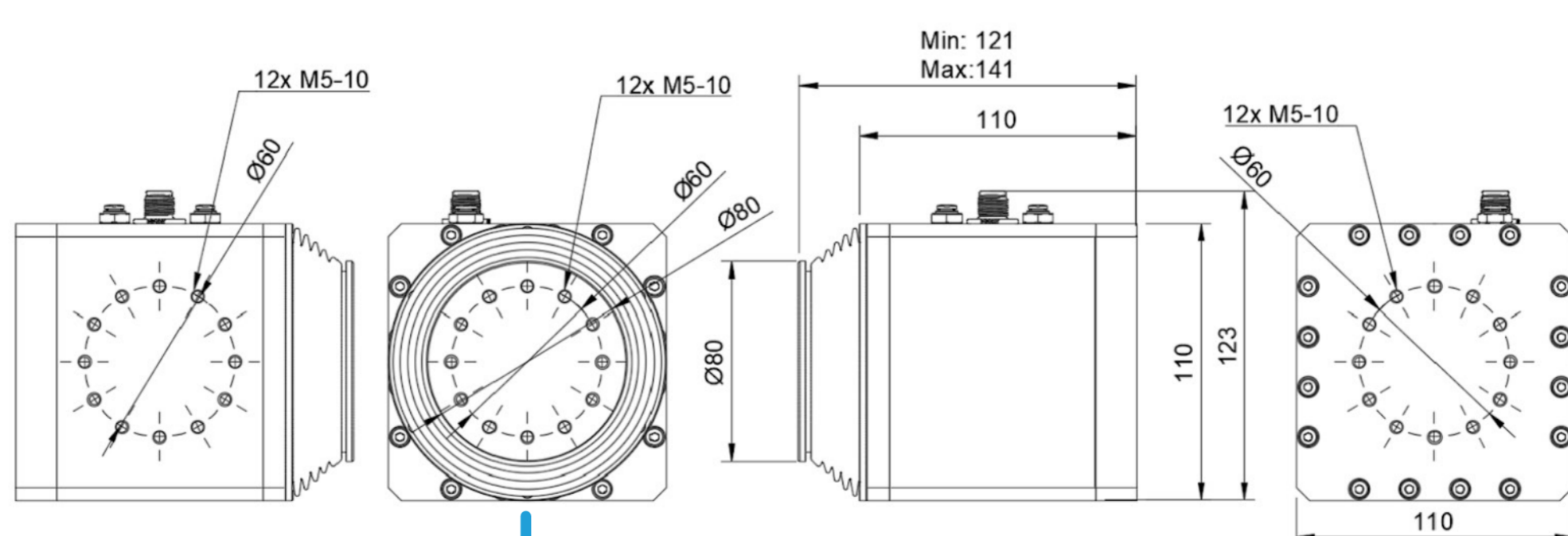
This component can be utilised with any brand including cobots and industrial robots. Weighing in at 2.8 kg it is the lightest unit that delivers a 20mm stroke.

- **Durable and customisable**

The units IP67 rating allows this unit to withstand exposure to dust and water in its environment. 16 preset force values allow for easy customisation for the end user.



# Mechanical Dimensions

Unit	NAC	NAC-CTRL
<b>Weight</b>	2.6 Kg	1.2 Kg
<b>Dimensions</b>		
Height	121-141 mm	56.26 mm
Width	110 mm	106.13 mm
Depth	110 mm	226 mm
<b>Mounting Tool Side</b>		
Bolts	M5-10	
Flange Diameter	Ø60mm	
<b>Mounting Fixation Site</b>		
Bolts	M5-10	
Flange Diameter	Ø60mm	
 <p>The technical drawings illustrate the mechanical dimensions and mounting requirements for the Active Compensation Unit. The left side shows the 'Mounting Tool Side' with 12 M5-10 bolts arranged in a circular pattern with a diameter of Ø60. The right side shows the 'Mounting Fixation Site' with 12 M5-10 bolts arranged in a circular pattern with a diameter of Ø60. The unit's width is 110 mm, and its height is specified as a range from 121 mm to 141 mm. The depth of the unit is 110 mm. The drawings also indicate a flange diameter of Ø80 and a total height of 123 mm for the fixation site.</p>		