

## Environmental Declaration -Type II Self-declared Environmental Claims

**General information** 

Declaration type	Environmental labels and declarations - Self-declared environmental claims - Type II environmental labelling - compliant with ISO 14021:2016 This document encompasses a range of products with similar material compositions and specifically highlights the product with the greatest weight within that range.
Owner of this declaration	BELIMO Automation AG Brunnenbachstrasse 1 8340 Hinwil Switzerland
Description of the organisation	BELIMO Automation AG is a leading global developer, manufacturer, and distributor of field devices, which are crucial in the precise control of heating, ventilation, and air conditioning systems. Our consistent commitment to innovation, reliability, and energy efficiency directly influences system performance and efficiency.
	Our global headquarters is in Hinwil, Switzerland, and we have a presence in more than 80 countries worldwide. Our focus on providing localised customer support and service underlines our role as a reliable international partner. Our dedication to sustainability and environmental protection is evident in our corporate strategies, daily operations, and especially in our approach to product development.
Product-related or management system- related certifications	Quality management ISO 9001 Environmental management ISO 14001

## Belimo and the UN Sustainable Development Goals (SDGs)

At Belimo, our product portfolio, business processes, and values are naturally aligned with UN Sustainable Development Goals, focusing on the environment, health and well-being, and society.

Trust, integrity, competence, and responsibility – values that lie at the foundation of environmental, economic, and social sustainability – define our corporate culture. As an employer, we support personal commitment, teamwork, cultural diversity, and the courage to take risks to inspire customers. We have designed and optimised our product portfolio to maximise energy efficiency and longevity. One hundred percent of our sales align with the UN Sustainable Development Goals.

Our overall sustainability mission is to promote global sustainability by creating healthier indoor environments that consume less energy.

**Health and well-being** Belimo products offer improved indoor air quality, promoting the health, comfort, and wellbeing of building occupants and enabling critical applications. Our intelligent HVAC components control the major factors affecting room climate and assure a stable and healthy environment (SDG 3).

**Environment** Our products save energy and reduce CO2 emissions. Moreover, they increase the energy efficiency of buildings (SDG 7) and contribute to their resilience (SDG 9), while making our cities safer and more sustainable (SDG 11). Through our activities, we contribute to doubling the global rate of improvement in energy efficiency, creating measurable sustainability benefits, and strengthening resilience and adaptive capacity to climate-related disasters (SDG 13).



## Belimo and the UN Sustainable Development Goals (SDGs)

**Society** As an employer, we continuously create excellent jobs that emphasise personal commitment, engagement, growth, teamwork, and cultural diversity (SDG 8). We uphold sustainable procurement practices and localised sourcing, minimising waste, and optimising logistics through modularising our product ranges and applying environmental management standards at our central production sites (SDG 12).

Product group: Large stroke actuator Representative product: GV12-230-31   Product analy: GV12-230-31 GV12-230-31   Product information GV12-230-31 GV12-230-31   Product information GV12-230-31 GV12-230-31   Product information EU Directive 2011/65/EU (RoH5), which restricts the use of specific hazardous materials in electrical and electronic equipment. REACH 1907/2006 (EC Regulation REACH)   This product complies with the FU Directive 2011/65/EU (RoH5), which restricts the use of specific hazardous materials in electrical and electronic equipment. REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals).   Recycling and end-of-life information Recycling quota (metal material proportion) is calculated using the following formula: Recycling quota (metal material proportion) is calculated using the following formula: Recycling quota (metal material proportion) is calculated using the following formula: Recycling quota (metal material proportion) is calculated using the following formula: Recycling quota (metal material proportion) is calculated using the following formula: Recycling quota (metal material proportion) is calculated using the ciclical and applicable: Recycling rec = 100 x (Metal weight / Total weight / Total weight / Total weight / Packaging Belino's peckaging is to its product family should be properly disposed of after their life cycle and should not be disposed of with regular domestic waste. Local and applicable: Recycling rec cycling rate (rust and profite stroke actor to all customer demands, and improve cost efficiency overt the entre building life cycle. Belimor oproducts and	Covered products						
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Component Material Weight		Transport					
			Component	Material	Weight		



Product materials and fire load						
	Material	Weight	% Weight	Fire load		
Total						
	* without packaging mater	als				
	Fire load calculation according to the formula:					
	Fire load [MJ] = weight [kg] x energy value [MJ/kg]					
Basic embodied carbon calculation						
Calculation methodology	The embodied carbon calculation herein follows the 'Basic' methodology outlined in TM65 by the Chartered Institution of Building Services Engineers (CIBSE). This approach relies on data pertaining to the product's material composition to compute embodied carbon for both the A1 (Material Extraction) Scale-up and buffer factors are employed to account for additional life cycle stages such as A2 (Transport to Factory), A3 (Manufacturing), A4 (Transport to Site), C2 (Transport to Waste Processing), C3 (Waste Processing), and C4 (Disposal).					
Product life service	15 years					
Product complexity	Category 2 (CIBSE TM65	Table 4.3)				
Assumptions	A1: Material carbon coe B3: Materials replaced a		CIBSE TM65, Table 2.1 CIBSE TM65, Table 2.1			
Disclaimer						
	in alignment with ISO 14 purposes. As Belimo pro	021 standards. This ducts continue to ac	Type II, was prepared by B document is provided sole lvance technically, we reser ior notice or announcemen	ly for informational ve the right to		

The information in the product confirmation is based on Belimo's best knowledge at the time of release of this document. This declaration is provided on an "as is" basis without express or implied warranties or commitments of any kind.