



TECHNICAL AND ENGINEERING COMPANY  
ELECTRIC ACTUATOR MANUFACTURER

## Mechanical Data Sheet AM120, AM250 & AM500

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## 1. SCOPE

This document provides guidance notes about dimensional drawing information.

These notes are applicable to the sizing of the following instrument equipment:

- AM120 Multi-turn actuators
- AM250 Multi-turn actuators
- AM500 Multi-turn actuators

Any deviation from the present Calculation Notes at any stage of the project shall be subject to manufacturer approval.

## 2. REFERENCE DOCUMENTS

This document is complemented by the others as specified below:

- KSN 8569S310: Mechanical Datasheet
- KSN 8569S311: Technical Specification
- KSN 8569S312: Datasheet

## 3. ACTUATOR SIZING

The sizing of multi-turn actuators body will be in accordance with KSN 8569S311.

#### 4. QUICK ACCESS TO INFORMATION

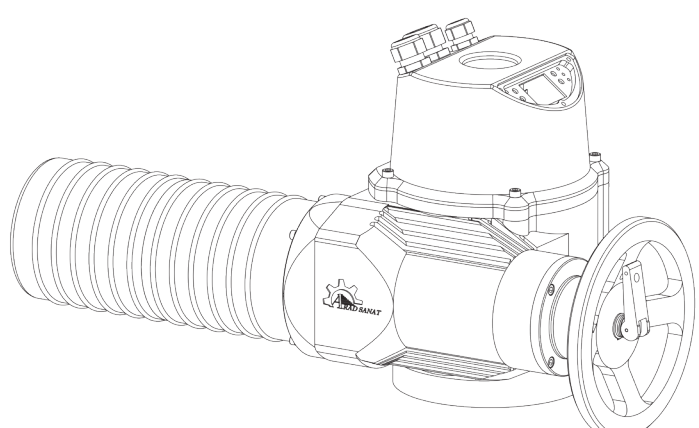
The table below is for actuators with single-phase, 24VDC and 220VAC-50Hz power input. They work in C type according to EN15714-2.

Model	Speed (RPM)	Torque (N.m)	Maximum start (1/h)	Flange Type (ISO5211)	Weight (KG)	IP Protection (EN60529)
AM120a	0-32	90-180	1500	F10/F12/F14	35	IP68
AM250a	0-32	180-300	1500	F12/F14	40	IP68
AM500a	0-32	300-600	1500	F12/F14	49	IP68

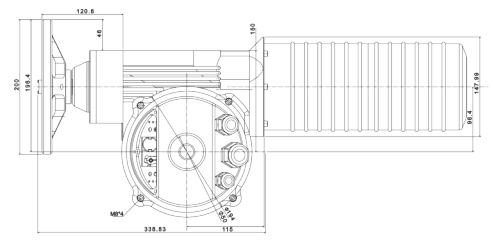
The table below is for actuators with single-phase, 24VDC and 220VAC-50Hz power input. They work in B type according to EN15714-2.

Model	Speed (RPM)	Torque (N.m)	Maximum start (1/h)	Flange Type (ISO5211)	Weight (KG)	IP Protection (EN60529)
AM120b	0-32	90-180	60	F10/F12/F14	35	IP68
AM250b	0-32	180-300	60	F12/F14	40	IP68
AM500b	0-32	300-600	60	F12/F14	49	IP68

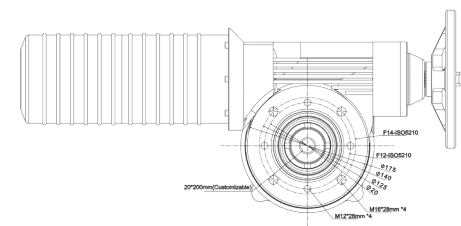
## 5. DIMENSIONAL DRAWING



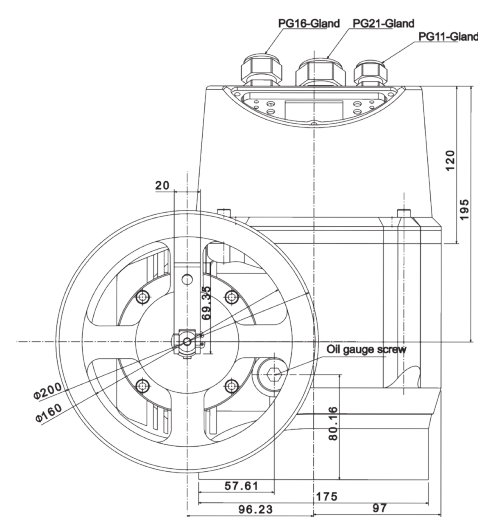
**UP**



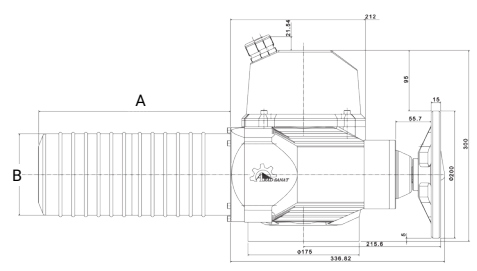
**Back**



**Front**



**Left**



Model	A (mm)	B (mm)
AM120	221	148
AM250	301	128
AM500	351	192