

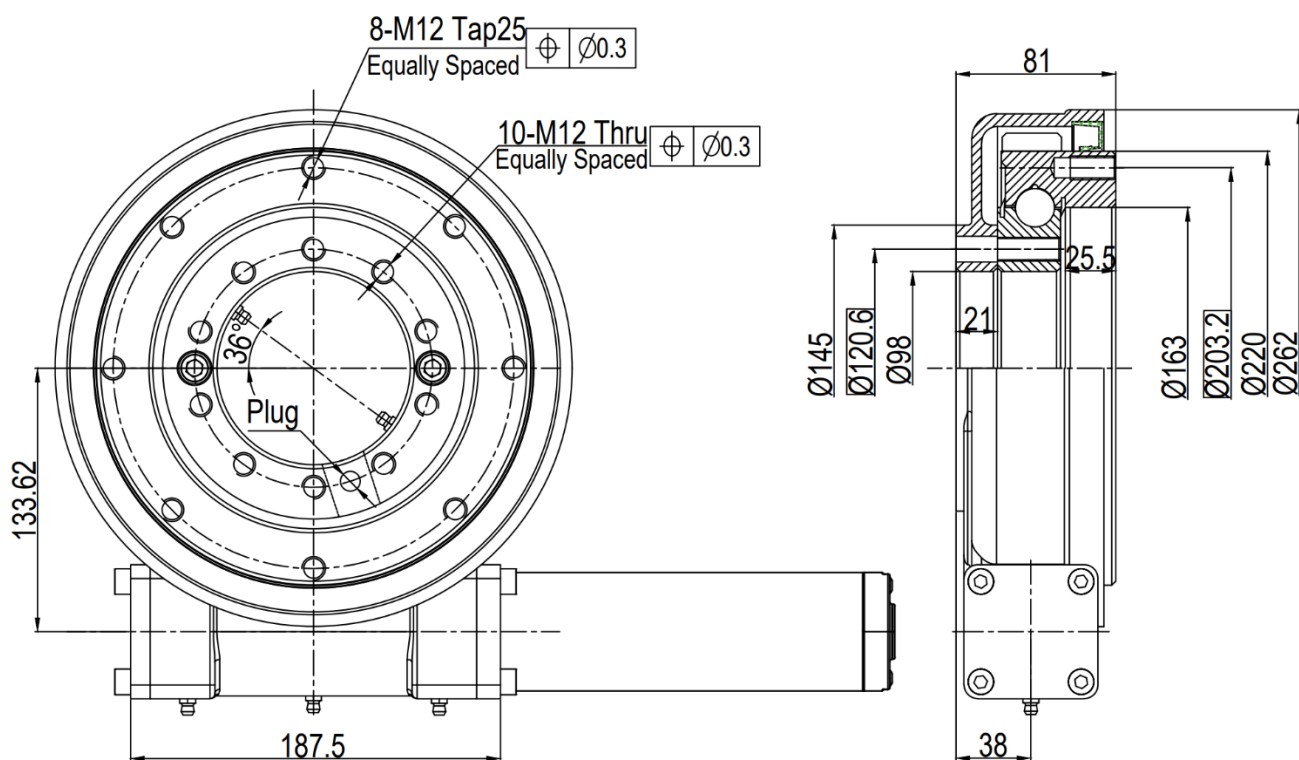
DATASHEET – DIMENSIONS

WORM GEAR SLEW DRIVE SERIES SEA7-100-R WITH 12V ELECTRIC MOTOR GEAR RATIO 71:1 - ECO



Technical information	
Model:	SEA07-12V100R
Product weight:	19,5 kg
Gear ratio:	71:1
Output torque:	0,21 kNm (210 Nm)
Voltage:	12 V
Electric current:	≤ 14 A
Maximum output speed:	1,4 rpm
Static axial load capacity:	133 kN
Static radial load capacity:	53 kN
Tilting moment:	13.5 kNm
Backlash:	≤ 0,2°
Rotation range:	360° (continuous)
Outer diameter of slewing drive:	262 mm
Holding torque:	10,4 kNm

Dimensions



Load Capacity Diagram

The diagram shows the permissible combinations of axial load and tilting moment for the SEA7 worm gear slew drive. As the axial load increases, the permissible tilting moment decreases. To ensure proper selection and safe operation of the drive, the limit values specified by the manufacturer must be observed.

Legend:

Horizontal axis: axial load in kN.

Vertical axis: tilting moment in kNm.

Highlighted area: permissible load combinations according to the manufacturer's diagram.

Limit curve: combined load limit that must not be exceeded.

