

## FLENDER gear units – MOTOX series Helical Worm Gearbox with K4 IEC Adaptor

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### Description

MOTOX helical gearboxes are designed for continuous duty. The sealed gearbox housings, made from cast iron are strong and absorb vibrations. A housing cover is not required for installing toothed components, which means that housings are extremely rigid. Radial shaft seals with dust protection lips prevent oil from leaking out of the housing and dust and water from entering it.

MOTOX helical worm gear wheels of the helical gear stages are milled and their surfaces hardened. The tooth flanks are ground or honed so that they are convex and corrected in terms of the profile.

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### Technical Data

Types	Helical Worm Gear Units with IEC Adaptor
Sizes	5 sizes
Gear Stages	2-stage
Power Ratings	Up to 11kW
Transmission Ratios	$i = 9.67$ to 33491
Nominal Torques	81 to 1590 Nm
Mounting Types	Foot Mount, Flange Mount, Shaft Mount

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### **Advantage**

- High Gear Unit Ratio
  - Quiet Geared Motors
  - High Degree of Flexibility
  - IEC Adaptor Compliance to EN/IEC standard motor for easy coupling
  - More efficient in maintenance with the flexibility of IEC adaptor to minimize downtime of production
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### **Application**

All general industrial that required speed reduction on equipment such as conveyor system, mixing equipment, feeder machine and etc.