



Franz Morat Group

 F MORAT CO

 Framo Morat

speero^x
Smart. Silent. Space-saving.

NEW: speeroX - Smart. Silent. Space-saving.

High gear ratio & power flow around the corner in only one stage.

Framo Morat has developed the high-transmission **speeroX** gear set, that relocates the gearing of the wheel to the flat side. Depending on the application, increasingly stringent requirements for the degree of efficiency, service life, operating noise and installation space sometimes push conventional gear variants to the limit. This is where the **speeroX** gear set comes into play.

The spatial arrangement reduces the installation space. It also creates favorable kinematic conditions that reduce the friction. The gearing is nevertheless still quiet thanks to the high proportion of sliding parts. A special wear-free steel/steel pairing withstands the high proportion of sliding parts and increases the service life. In the right application, the **speeroX** gear set beats conventional multi-stage gears in terms of the gear ratio. It is quiet and features high efficiency with a long service life. And all this in only one gear stage with a reduced weight, consisting of just two components that make installation easier.

Benefits at a glance:

High performance particularly when there is only one direction of rotation through the preferred flank

High degree of efficiency through friction reduction due to favorable kinematic conditions

Low noise emission due to high proportion of sliding parts

Long service life and **high power density** through special wear-free steel/steel pairing

Reduced installation space thanks to advantageous arrangement of the wheel and worm screw

Low weight and **easier installation** through low number of components (wheel and worm screw)

Xplore your opportunities.

Customized design & development.



The benefits of **speeroX** compared to classic gear variants become clear when the requirement profile and area of use are precisely defined during the design phase. For example, the gear geometry enables especially high performance when only one direction of rotation is required. Framo Morat brings decades of experience in customized solutions to the table. You too can benefit from our expertise and the advantages of the **speeroX** gears.

What can we do for you?

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