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MOTOX®-G gear motors for rated torques of up to 75.000 Nm

FLENDER TÜBINGEN is extending the classic MOTOX®-N series of gear units for rated torques above 20.000 Nm by the addition of the new MOTOX®-G series for rated torques of up to 75.000 Nm.

Besides increasing the specific power capacity of gear motors, which is given lasting expression by the development of the MOTOX®-N series, a modern gear motor modular range is distinguished by an increase in absolute value in the area of torque and output.

This increase in torque and the resulting increase in power achieved by the MOTOX® modular range is providing a new phenomenon in the gear motor market and offers the user a large number of technical and commercial advantages.

Technical Data

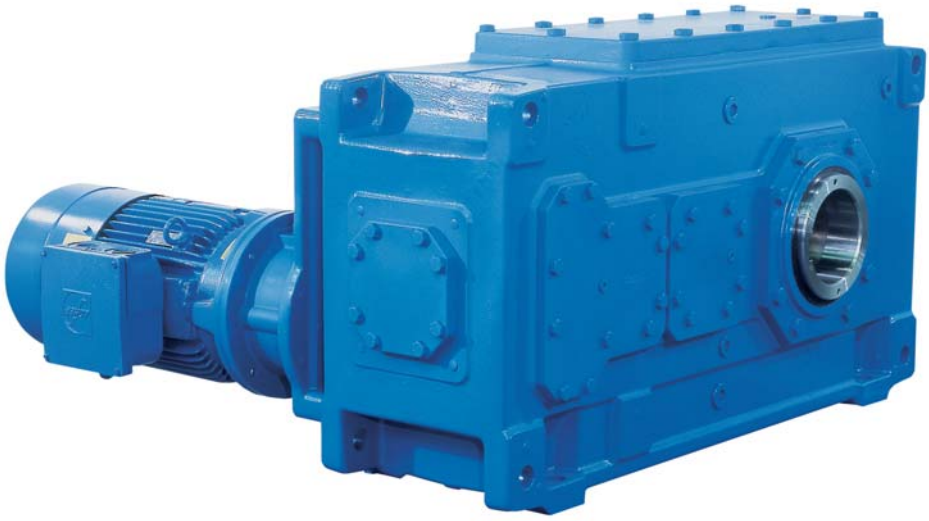
Bevel helical and shaft-mounted gear motors in 8 Sizes

Torque range:
from 25.000 Nm to 75.000 Nm

Power range:
from1,1 kW to 200 kW

Output speeds:
from1 1/min to 350 1/min

Transmission range:
from 12,3 to 459,5



The modular system with its connecting elements hollow shaft, splines, solid shaft, shrink disk design and torque support makes possible all the machine adaptations commonly occuring in mechanical engineering.

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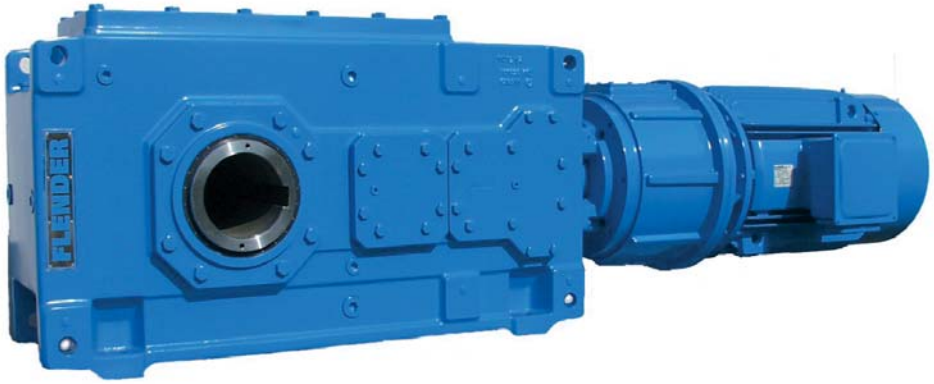
Installed motor outputs of up to 200 kW together with encoders, space heaters, etc., offer a very varied range of electrical options, which by means of monitoring equipment make the drive an electrically highly fexible system.

This system enables the motor always to be optimally adjusted to the gear unit and offers a broad range of driven machine speeds for the required drive output.



The standard-specific allocation of numerous options such as brakes or backstops saves time during project planning and minimises the risk of assignment errors.

Furthermore, the selection of MOTOX®-G gear motors, together with the MOTOX®-MASTER series of motor-integrated inverters and the MOTOX®-DRIVE series of stand-alone equipment, enables the static drive to be converted into a variable-speed drive system in the simplest way possible.

In short, MOTOX®-G sets standards for system optimisation and simplifies the engineering process.

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