



## FLENDER TÜBINGEN Mixer Drives

With its MOTOX<sup>®</sup>-N gear motor range FLENDER TÜBINGEN offers solutions for agitator and mixer technology.

The gear units are equipped with reinforced bearings and a suitable flange design for long service life and to withstand high shaft loads.

### Technical data

#### Agitator drives ZR and DR series in 8 sizes

Torque range:  
from 800 Nm to 20.000 Nm

Power range:  
from 0,37 kW to 200 kW

Speed range:  
from 0,1 1/min to 1.000 1/min

Transmission range:  
from 3,07 to 71.317

#### Mixer drives FZM, FDM and KM series

Torque range:  
from 800 Nm to 20.000 Nm

Power range:  
from 0,37 kW to 200 kW

Speed range:  
from 0,1 1/min to 300 1/min

Transmission range:  
from 3,8 to 67.119

#### Output flange in dry-well design

Located in the lowest part of the gear unit is a safety oil chamber which prevents oil from entering the agitator. Optionally, an oil monitoring device can be added on.



The agitator gear units are designed as helical gear motors. All the transmission ratios of the basic series are available.

The gear units have a robustly dimensioned outer bearing to withstand high radial and axial loads. The outer bearing can be lubricated by means of a lubricating device.

FLENDER TÜBINGEN equips MOTOX<sup>®</sup>-N shaft-mounted and bevel helical gear motors with a mixer flange for use in mixer technology.

Both MOTOX<sup>®</sup>-N series are available in a solid-shaft and a hollow-shaft version. High shaft loads are a matter of course.



MOTOX<sup>®</sup>-N gear motors with an agitator or mixer flange are a basic feature of the MOTOX<sup>®</sup>-N modular system. All the gear unit and motor options of the MOTOX<sup>®</sup>-N gear motor range, e.g. hollow-shaft cover, reinforced bearings, oil level monitoring, etc., are available.