

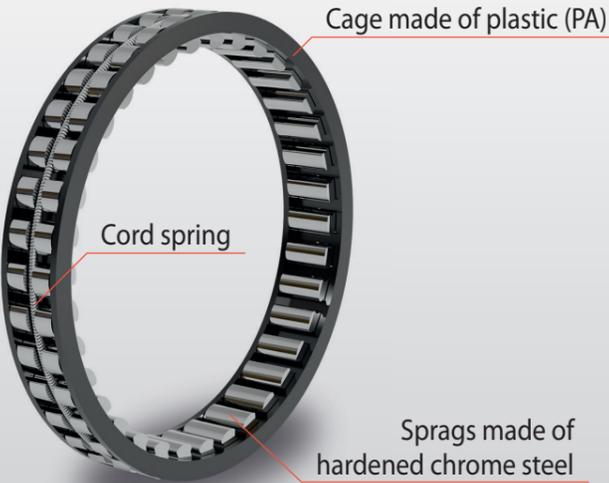
# Cage Freewheels for E-Bike Drives

**RINGSPANN®**



- High torques
- High safety
- Small installation space
- Light weight
- Customized solutions at short notice

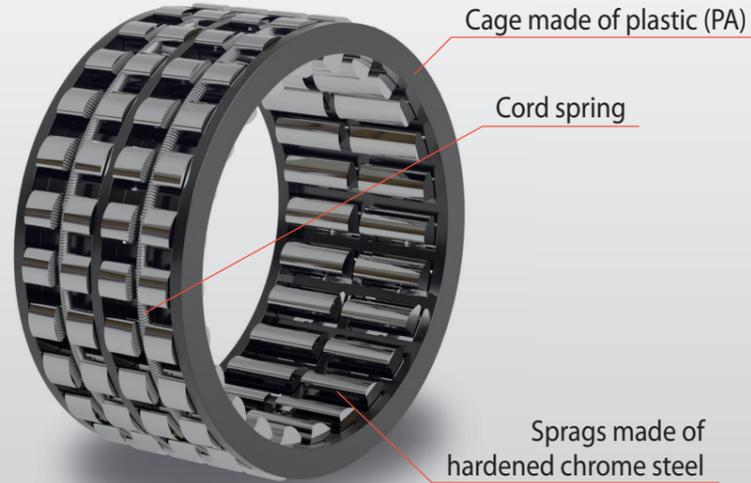




**Torques up to 520 Nm**

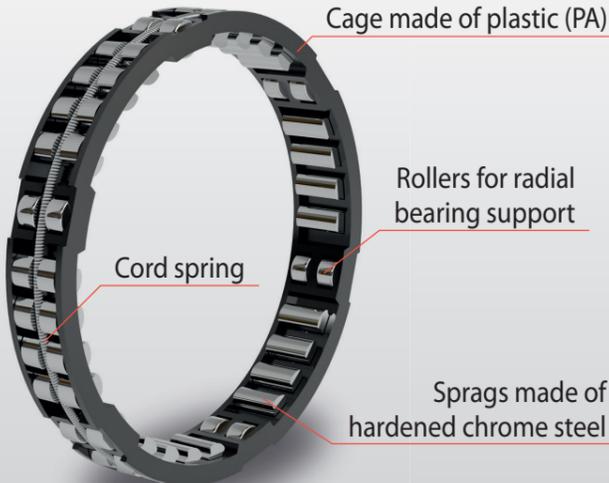
### Cage Freewheels E

- Highest torque capacity; three times higher torque capacity than drawn cup roller clutches
- Increased, customer-supplied component tolerances possible



### Cage Freewheels E-DR

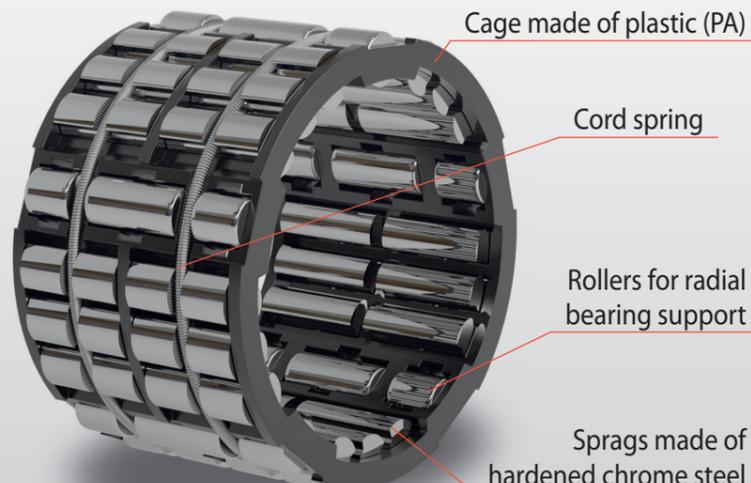
- Highest torques
- Increased, customer-supplied component tolerances possible
- Particularly suitable for cargo drives



**Patented**

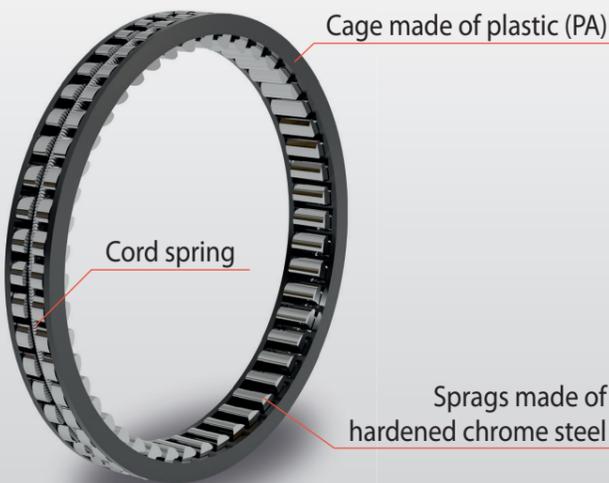
### Cage Freewheels ER

- Integrated radial bearing support
- High torque capacity



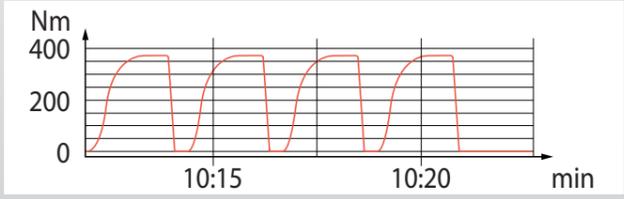
### Cage Freewheels ER-DR

- Integrated radial bearing support
- Very high torques
- Particularly suitable for cargo drives

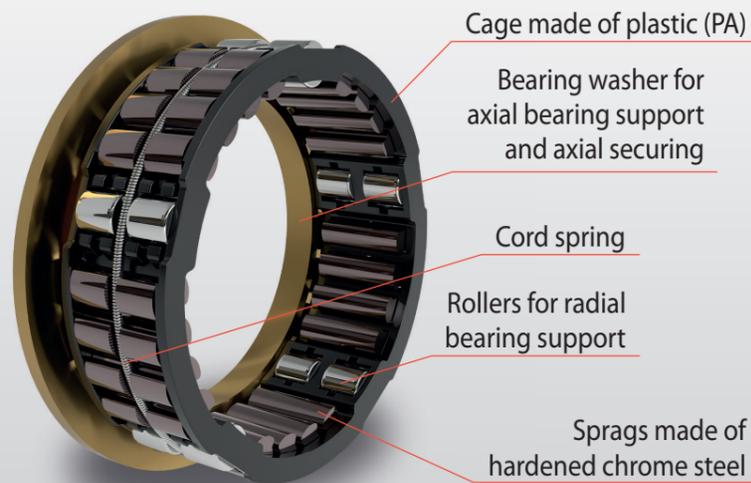


### Cage Freewheels F

- Integrated torque limitation
- Particularly suitable for installation on bottom bracket shafts
- Increased, customer-supplied component tolerances possible



Integrated torque limitation caps torque peaks



**Patented**

### Cage Freewheels ERL

- Integrated radial and axial bearing support
- No further bearing support also with helical gears necessary
- Integrated axial securing

## Cage Freewheels for various requirements



**Cage Freewheels E**  
with highest torque capacity



**Cage Freewheels ER**  
with integrated radial bearing support



**Cage Freewheels F**  
with integrated torque limitation



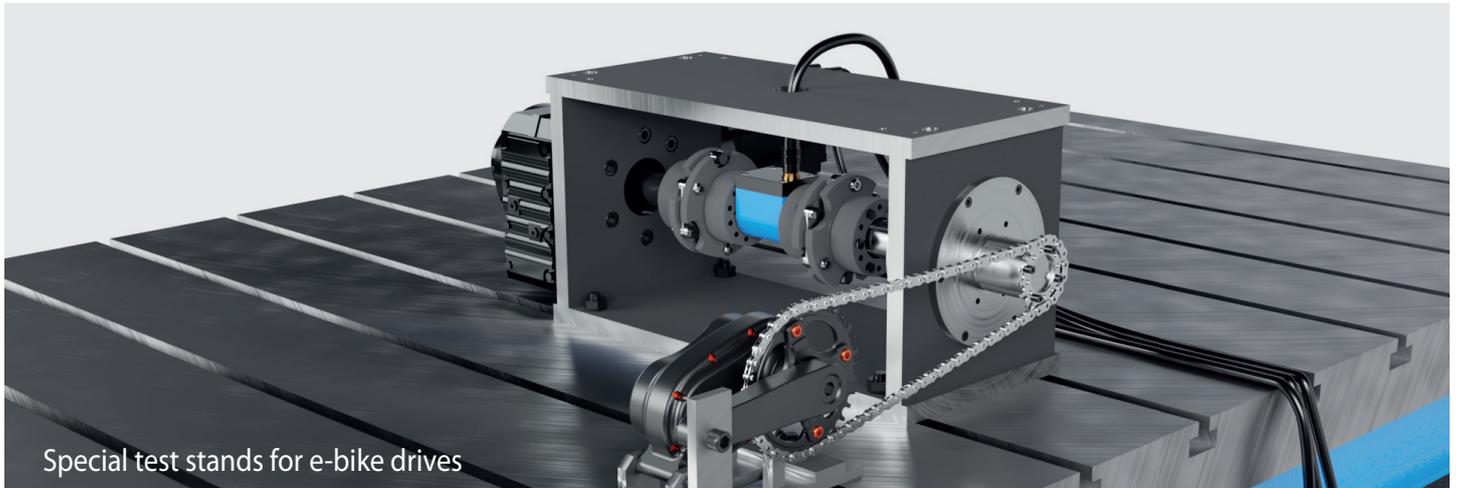
**Cage Freewheels E-DR**  
with highest torque capacity,  
among others for cargo drives



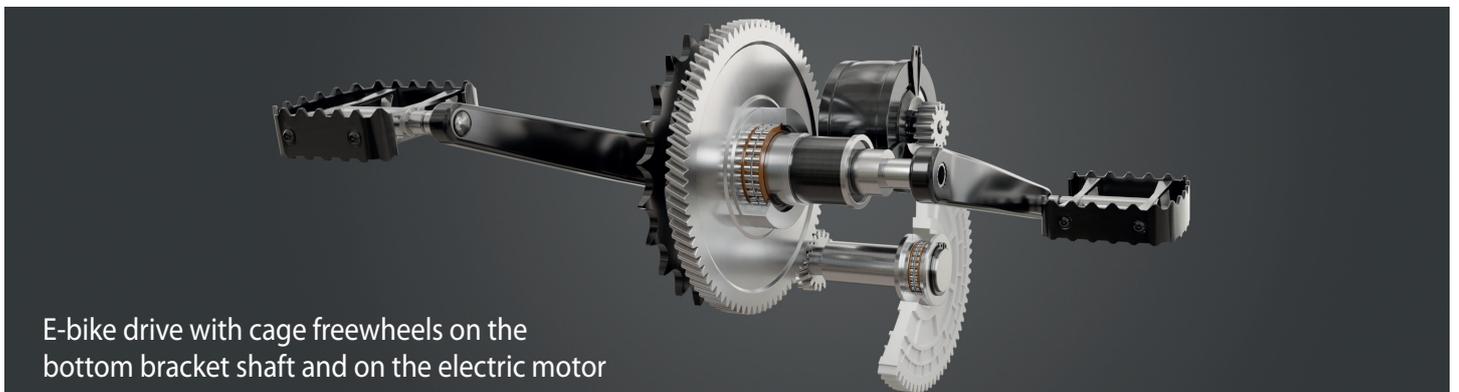
**Cage Freewheels ER-DR**  
with integrated radial bearing support,  
among others for cargo drives



**Cage Freewheels ERL**  
with integrated radial and axial  
bearing support



Special test stands for e-bike drives



E-bike drive with cage freewheels on the  
bottom bracket shaft and on the electric motor

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