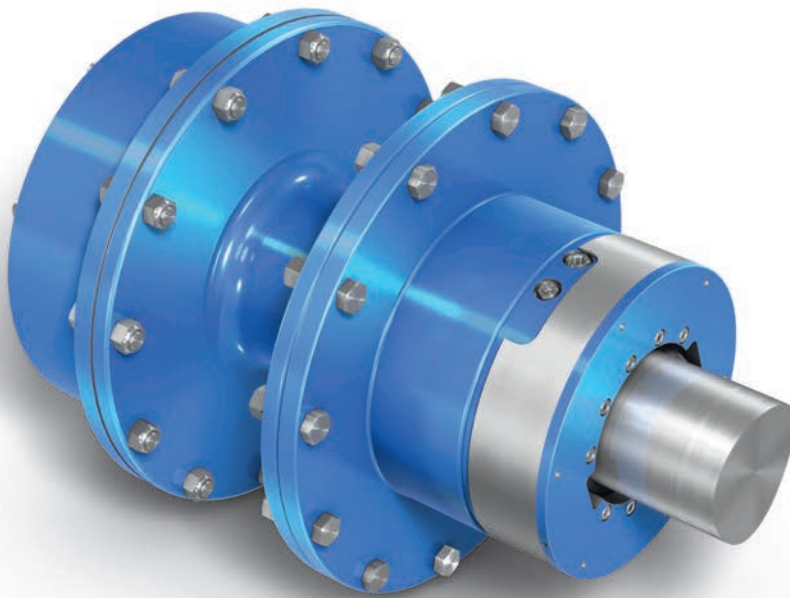


# The flexible package for torque limitation

## SafeSet EZi and CT couplings



### Key benefits

- + Plug-and-play package combining SafeSet EZi torque limiting coupling and highly flexible CT coupling
- + Compact design that fits to the existing driveline
- + Misalignment capacity in the flexible coupling
- + Dampening of load impacts in the driveline
- + Instant torque limitation in overload situations

## Opt for the easy approach to torque limitation – with the smart plug-and-play combination of a SafeSet EZi torque limiting coupling and a highly flexible CT coupling.

Designed by Voith, the coupling parts of the package are carefully selected, and all components are matched to give ideal performance. Thanks to the compact and optimized design, it can be easily installed and positioned anywhere to maximize the driveline. The SafeSet EZi and CT coupling package combines the advantages of a torque limiting coupling with those of a highly flexible coupling in a one-stop solution – to save both time and effort. All components offer quick and easy maintenance with long service intervals of oil, seals and rubber parts.

The package can be designed to handle a nominal torque of up to 200 kNm and a maximum of 600 kNm (SF 3). It is available in a compact version with minimum space requirements; a spacer version that provides for easy servicing, with only the coupling or the spacer drop-down and without the need for moving motor or gearbox; and an EZi-P version that can be fitted specifically to larger shafts.

## The best of both worlds in one package

- The flexible coupling can absorb small misalignments to extend the service life of the driveline
- Dampening of load impacts increases the service life for the driveline, gearbox and motor
- Instant torque limitation in overload situations protects your driveline from costly repairs and expensive standstills
- Adjustable release torque minimizes additional costs in the event of an upgrade due to the adaptability to the existing driveline design and specific application requirements
- Backlash-free power transmission minimizes cost of repair due to wear protection on other parts in the driveline
- Quick and easy setting of the torque limiting coupling minimizes standstill and downtime
- Long service life of components with easy and quick maintenance

Technical data	Nominal torque [kNm]	Maximum torque [kNm]
CT-P 3 + EZi-K 110	1.0	3.0
CT-P 12 + EZi-K 140	4.0	12.0
CT-P 40 + EZi-K 190	13.3	40.0
CT-P 130 + EZi-K 260	43.3	130.0

The table presents typical package examples.  
Numerous additional packages are available.

## SafeSet EZi and CT coupling in a package – Plug-and-play solution with matching components to save time and effort



### Areas of application

- Raw material: crushers and grinders, conveyors and excavators, mixers and extruders
- Metals: levelers, rolling and steckel mills, plate and strip mills, shredders

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