Vibration dampers for construction vehicles

Highly flexible K and H couplings

Suitable for the primary and auxiliary drives of many vehicle types

- Wheel loaders
- Dump trucks
- Aircraft towing tractors
- Firefighting vehicles
- Mobile cranes
- Graders
- Underground vehicles
Advantages

+ Shifts resonance speeds into non-critical speed ranges
+ Dampens torsional vibrations
+ Manufactured using standardized components
+ Can be adapted to your connections

Customer benefit

+ The system runs quieter, increasing comfort when operating the vehicle
+ Increases the service life of all components in the driveline while keeping maintenance and repair costs low
+ The best cost/benefit ratio
+ Easy to integrate into the driveline of your vehicle

K coupling
Especially for drives with a cardan shaft

- With a rated torque of up to 1,300,000 Nm
- Maximum speed (depending on the coupling size): 13,300 rpm
- Integrated bearing to support the weight of the cardan shaft
- Outer housing protects the rubber element against external influences
- Rubber elastomer with linear stiffness characteristics
- Option for additional frictional damping
- Low maintenance requirements

H coupling
Especially for drives with torque converter and lock-up clutch

- With a rated torque of up to 3,700 Nm
- Maximum speed (depending on the coupling size): 3,200 rpm
- Can handle high temperatures (up to 110 °C)
- Plug-in connection especially for bell-house mounted arrangements
- Completely maintenance-free and dirt-resistant
- Steel spring damper with multi-stage stiffness characteristics
- Additional viscous-hydraulic damping

K coupling
Series 152

H coupling
Series 351