

SUPPLY AND SCREW FEEDER TRANSMISSION

Description:

The half-shells of various screw feeders have been designed to manipulate the cement.

Operating conditions:

- Speed: low-speed, continuous rotation
- Dynamic contact pressure: up to 40 N/mm²
- Temperature: Ambient
- Use times: up to 24 hours a day
- Environment: Extremely abrasive
- Random lubrication

Previous solutions:

- Axle: Cast iron or case-hardened steel
- Bushings: Cast iron, bronze, or spring steel
- Regular lubrication is required but currently lubrication is random

HEF solutions:

- Axle: FAM-CR
- Shell FAM
- No lubrication

Customer benefits:

- Service life 6 to 10 times longer.
- Lubrication not required

Customers:

CATERPILLAR Work Tools (formerly VERACHTERT)

