

New HF S series spindles



The lowest energy consumption, the highest speed, and minimum vibration and noise - these are on the wish list of every spinning mill, so that they can produce yarn with maximum economy and quality.

These features have been built into the design of TeraSpin's new HF S series of spindles: a new spindle bearing unit precision-engineered to save energy and reduce vibration and noise, while operating at very high speeds. A single elastic or double elastic bolster construction combined with robust radial bearings also allows these spindles to handle high radial loads.

High speed, silent spindle HF S 682



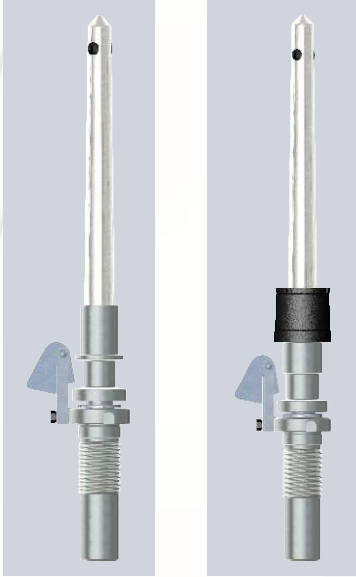
Features

- Maximum mechanical speed up to 30,000 rpm
- Min. wharve dia.: 18 mm for ES (Energy Saving) spindles
18.5 mm for other spindles
- Sphero point foot-step design
- Two radial bearings for higher radial loads
- Dual damping system
- Double elastic bolster construction with grease between the two housings for additional damping
- Can be used for various makes and models of ring spinning frames
- Supplied with multiple options:
 - External hook or internal locking (SL) system
 - Smart yarn catcher or knurling and cutter
 - Spring-loaded or centrifugal buttons

Benefits

- Very high spindle speed
- Energy efficient
- Very low noise
- Very low vibration

High speed spindle HF S 681



Features

- Maximum mechanical speed up to 25,000 rpm
- Min. wharve dia.: 18 mm for ES spindles
18.5 mm for other spindles
- Sphero point foot-step design
- Two radial bearings for higher radial loads
- Shorter blade length
- Can be used for various makes and models of ring spinning frames
- Supplied with multiple options:
 - External hook or internal locking (SL) system
 - Smart yarn catcher or knurling and cutter
 - Spring-loaded or centrifugal buttons

Benefits

- Stable running at high load
- Energy efficient
- Excellent price/performance ratio

High speed, silent and energy saving spindle HF S 562



Features

- Maximum mechanical speed up to 30,000 rpm
- Min. wharve dia.: 17 mm for SES (Super Energy Saving) spindles
17.5 mm for ES spindles
- Sphero point foot-step design
- Two radial bearings for higher radial loads
- Dual damping system
- Double elastic bolster construction with grease between the two housings for additional damping
- Can be used for various makes and models of ring spinning frames
- Suitable for yarn count Ne 30 and above
- Supplied with multiple options:
 - External hook or internal locking (SL) system
 - Smart yarn catcher or knurling and cutter
 - Spring-loaded or centrifugal buttons

Benefits

- Very high spindle speed
- Very low energy consumption
- Very low noise
- Very low vibration

QUALITY
RELIABILITY
INNOVATION

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