Novibra

LENA

Energy saving high-speed spindle

Sustainability
in spindle operation

OUTSTANDING
ADVANTAGES
LENA

Industry Maximum Life-Time

Patented one-piece spindle insert

Energy Saving

Due to unique 17.5 mm wharve dia

Industry Maximum Speed

30 000 rpm

Reduced Maintenance

Long lubrication cycles and special anti-corrosion treatment

Flexible

Can be supplied with new machines or as an upgrade of existing ones

Can be fitted with any Novibra crown

Noise Reduction

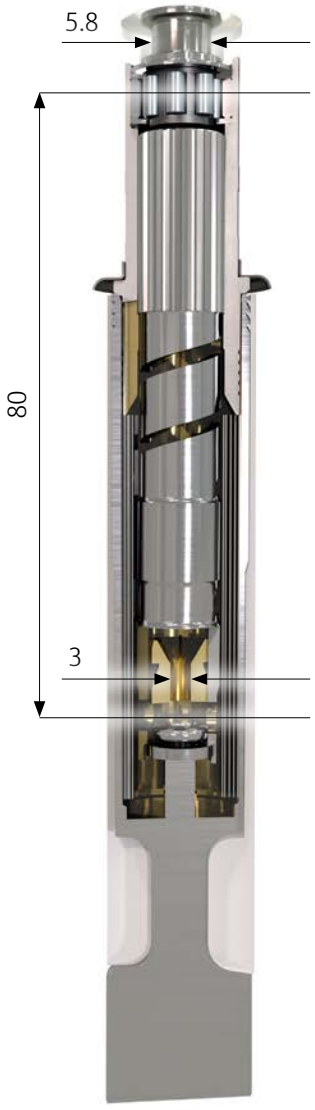
Thanks to well-proven second damping system

Low-Energy and Noise-Absorbing Spindle LENA

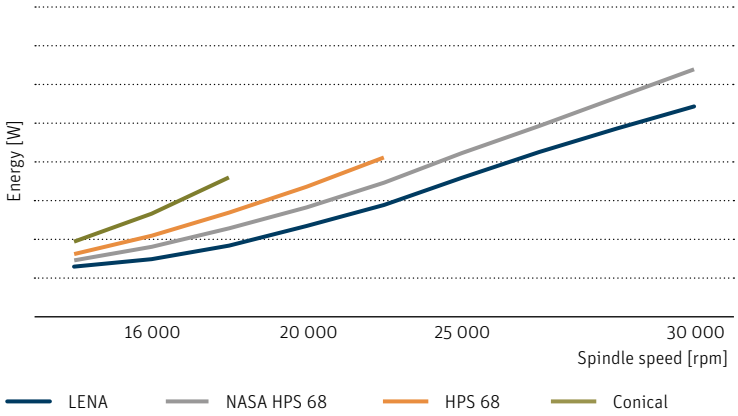
LENA was designed to achieve the highest speeds with low energy consumption, achieving speeds of up to 30 000 rpm while saving on average up to 4 to 6% of energy.

Application

Speed: up to 30 000 rpm
Tubes: up to 200 – 210 mm
Suitable for yarn count Ne30 and finer



Energy consumption comparison



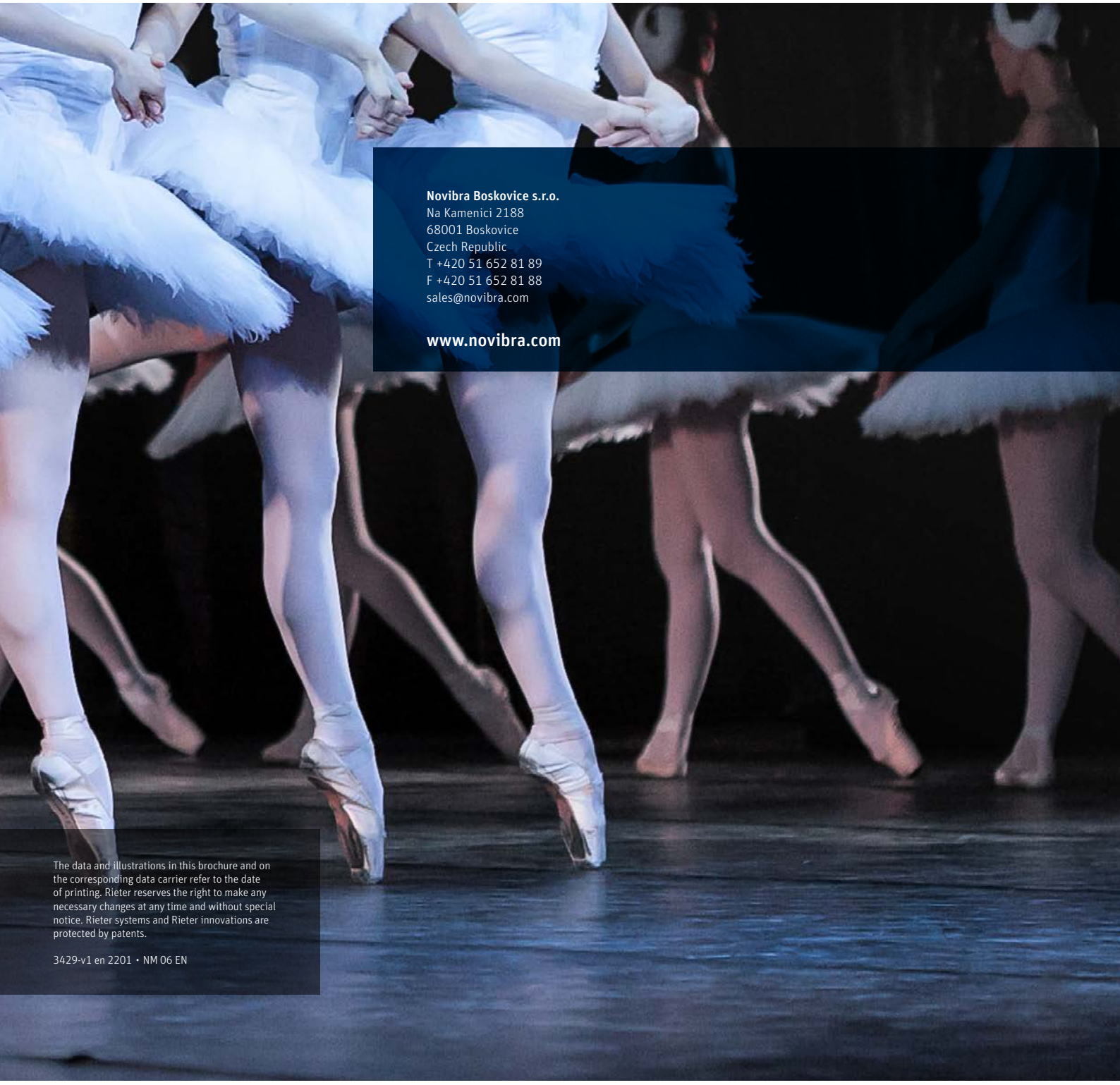
Neck bearing 5,8 mm
- wharve diameter 17,5 mm
- energy saving

Footstep bearing 3 mm
- energy saving

Pitch between bearings 80 mm
- compact design

Second damping system
- remarkably reduced neck bearing load
- low noise level

LENA with standard Novibra cutter on machine



Novibra Boskovice s.r.o.
Na Kamenici 2188
68001 Boskovice
Czech Republic
T +420 51 652 81 89
F +420 51 652 81 88
sales@novibra.com

www.novibra.com

3429-v1 en 2201 • NM 06 EN