

Spindle Gears with Ball Screw Spindle



- /// High speed
- /// High efficiency
- /// Compact and modular design
- /// Customized design

/// Technical specifications

Spindle gears with ball screw spindle convert a rotary motion into a linear motion, similarly to our other spindle gears, but at three to four times higher efficiency. It is mainly used for relatively quick axial speeds of up to 25,000 mm/min and for a more continuous operation.

The axial positioning is very accurate and together with our other products within encoders, couplings and connecting shafts, this enables running several axial movements synchronously.

Features:

- /// Easy and simple to incorporate
- /// Compact and modular design
- /// Very high-speed and smooth movements
- /// Repeatable
- /// Low backlash
- /// Sturdy and reliable
- /// Efficient
- /// Long lifetime
- /// AC, DC, servo or hydraulic motors
- /// Wide range of accessories available
- /// Lubrication grease for the food industry on request
- /// Corrosion-resistant chromated surface on request
- /// Competitive prices
- /// Custom design

The spindle gears with ball screw spindle are basically available in two variants. One with rotating spindle and one with rotating nut.

Our spindle gears with ball screw spindle are characterized by their easy and sturdy structure. The modular design gives an extremely large flexibility as to choice of gear, mounting possibilities, flanges, lubricants and surface treatments. The modular design is also perfect if it is required to make customizations where the spindle gears have to be optimized for specific needs.

Series	Maximum forward/ compressive thrust [N]	Spindle speed [mm/min]
Series 42	20,000	46 – 25,000
Series 52	30,000	46 – 25,000
Series 61	38,000	46 – 25,000
Series 79	43,000	46 – 25,000



Please visit our homepage on www.bj-gear.com where you can have detailed information on our complete product programme. You are of course also most welcome to contact our specialists on phone No. +45 87 40 80 80 in order to find the right solution for your application.



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