

2. Structure and Features of the Ball Screw with Ball Cage®

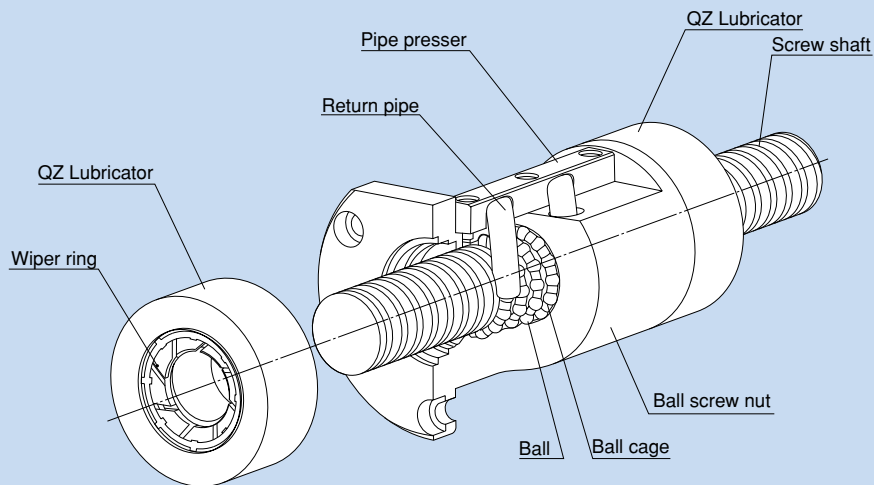


Fig. 1 Structure of High-Speed Ball Screw with Ball Cage Model SBN

Use of a ball cage in the Ball Screw with Ball Cage eliminates collision and friction between balls and increases grease retention. This makes it possible to achieve low noise, low torque fluctuation and long-term maintenance-free operation.

In addition, this Ball Screw is superbly capable of responding to high speed because of an ideal ball circulation structure, a strengthened circulation path and adoption of the ball cage.