**Precision Ball Screw Assemblies**

**Single Nut with Flange FEM-E-S**

**Standard series**

**Rexroth mounting dimensions**

With standard seals

Reinforced seals, see Page 106

With backlash, reduced backlash, preload 2% or 5% C

For precision-rolled screws SN-R of tolerance grade T5, T7, T9 and precision screws SN-F of tolerance grade P1, P3, P5, (T7)

\[
\begin{align*}
\text{d}_0 & = \text{nominal diameter} \\
\text{P} & = \text{lead} \\
(R = \text{right-hand}, L = \text{left-hand}) \\
\text{D}_w & = \text{ball diameter} \\
\text{i} & = \text{number of ball track turns}
\end{align*}
\]

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<th>Speed*</th>
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<td>stat. C₀ (N)</td>
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* See P. 95 Characteristic speed d₀·n and P. 116 Critical speed nₖ
Lube port at flange center

N.B.: On a precision screw SN-F the core diameter \(d_2\) can be smaller by max. 0.3 mm due to the manufacture.

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