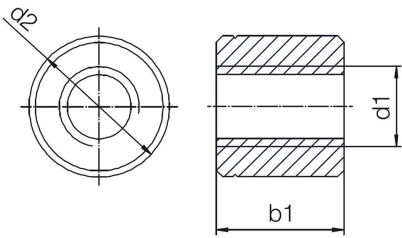


drylin® high helix lead screw nut, J350SLM

J350SLM-2215SG10X12



drylin® high helix lead screw nut, J350SLM

- Material: iglidur® J350
- Thread direction: Left-hand thread
- Thread type: High helix threads
- Design: Standard
- Cylindrical lead screw nut

Product description

Introducing the drylin high helix lead screw nut, J350SLM, crafted from iglidur J350, a high-performance polymer designed for high temperatures up to +150°C. This lead screw nut is dimensionally stable, lubrication-free, and maintenance-free, ensuring durability in challenging environments. Its chemical resistance and quiet operation make it ideal for various applications. Experience reliable performance with this robust solution for your lead screw technology needs.

Requirements

Mould-resistant according to DIN EN ISO 846 Procedure A	Yes
Max. axial static pressure load	487 N

General properties

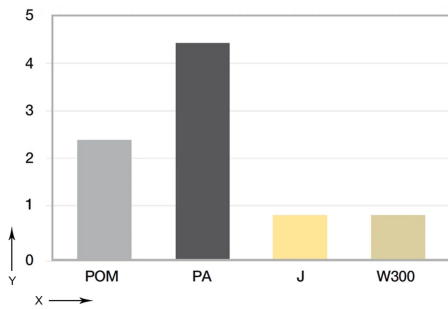
Thread direction	Left-hand thread
Thread type	High helix threads; higher pitch and movement speed
Weight	6.51 g
With spanner flat	No

Dimensions

Thread size	SG10X12
Ø d1	10 mm
Ø d2	22 mm
b1	15 mm
Effective supporting surface	195 mm²



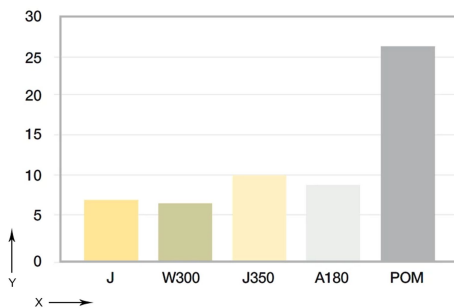
Additional information and diagrams



Wear test on a rolled trapezoidal lead screw

x = Different materials

y = Wear [mg/km]

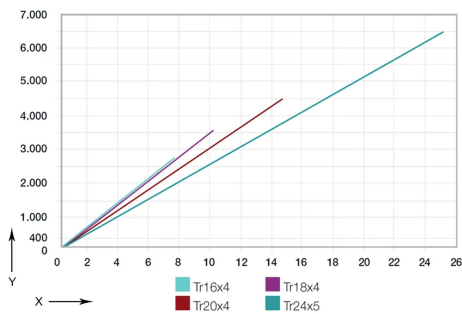


Wear test on C15 lead screw drive

Stroke 140 mm, 50 N, lead screw C15 rolled, 450 rpm

x = Different materials

y = Wear [mg/km]



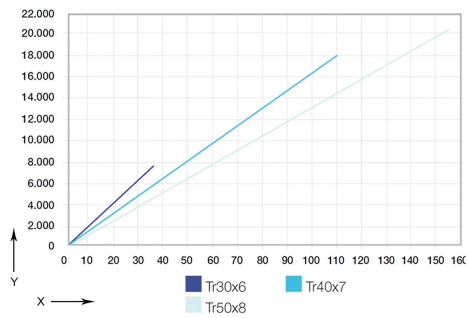
Required drive torque lead screw modules Ø16 to Ø24

Assuming $\mu = 0.25$, without considering the lead screw supports

x = Torque [Nm]

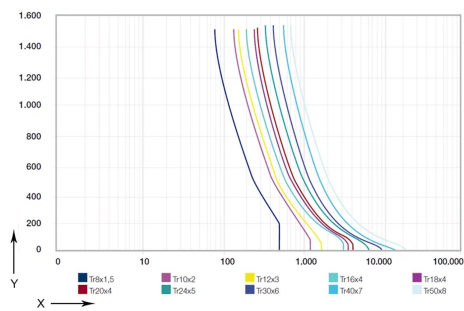
y = Load [N]



**Required drive torque lead screw modules Ø30 to Ø50**Assuming $\mu = 0.25$, without considering the lead screw supports

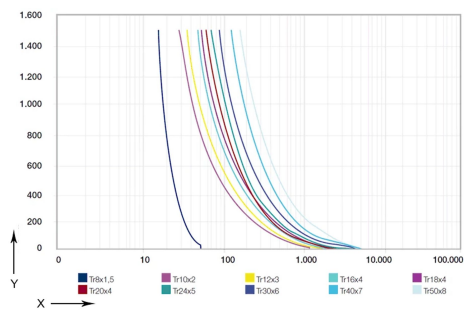
x = Torque [Nm]

y = Load [N]

**Maximum dynamic load for lead screw units with 10% ESD**

x = load [N]

y = speed [rpm]

**Maximum dynamic load for lead screw units with 100% ESD**

x = load [N]

y = speed [rpm]