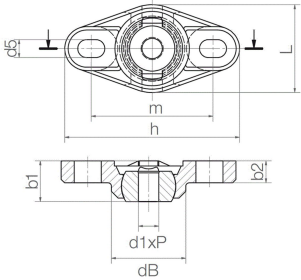
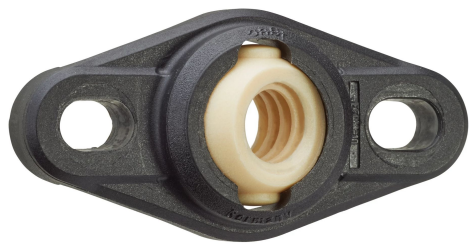


drylin® spherical trapezoidal lead screw nut with
flange housing, EFOM

JFRKM-EFOM-TR8X1.5



drylin® spherical trapezoidal lead screw nut
with flange housing, EFOM

- Material: iglide® J
- Thread type: High helix threads
- Design: Standard
- Cylindrical lead screw nut

Product description

Introducing the drylin® spherical trapezoidal lead screw nut with flange housing, EFOM. Crafted from durable iglide® J material, this cylindrical lead screw nut features high helix threads for enhanced performance. Its standard design ensures reliable operation, making it an essential component for your projects. Experience precision and longevity with this innovative product from the trusted drylin® family.

Requirements

Mould-resistant according to DIN EN ISO 846 Procedure A	No
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General properties

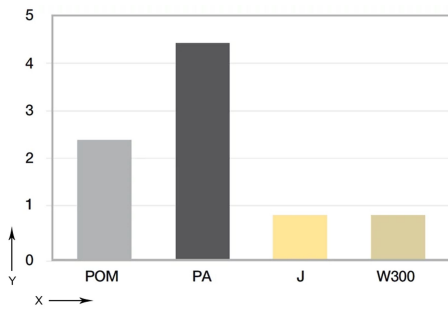
Weight	6.9 g
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Dimensions

Thread size	TR08X1.5
Ø d1	8 mm
b1	12 mm



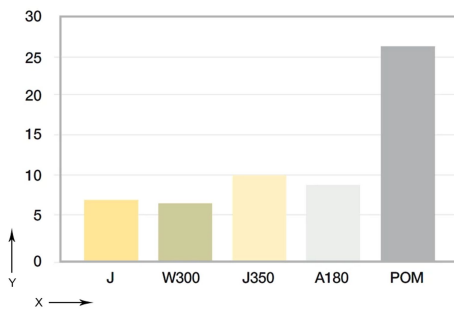
Additional information and diagrams



Wear test on a rolled trapezoidal lead screw

x = different materials

y = wear [mg/km]

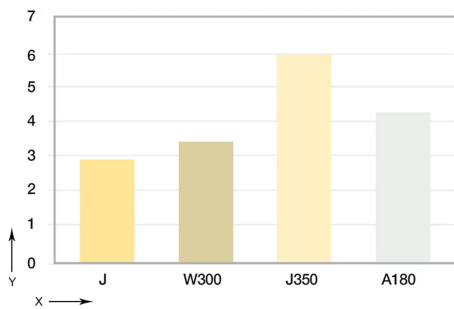


Wear test on C15 lead screw drive

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

x = different materials

y = wear [mg/km]



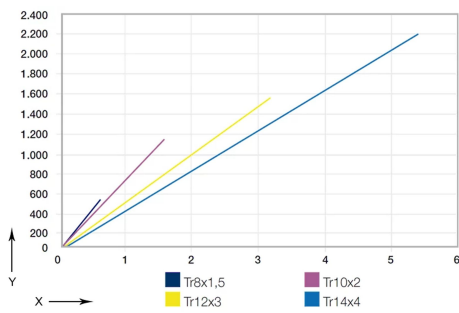
Wear test on a VA lead screw

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

x = different materials

y = wear [mg/km]



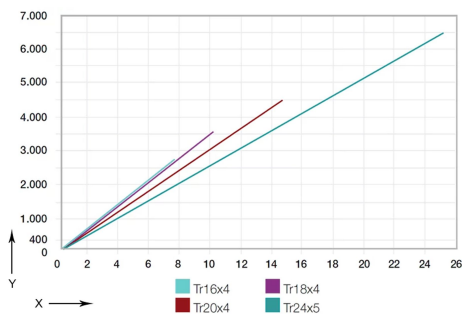


Required drive torque lead screw modules Ø8 to Ø14

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

x = torque [Nm]

y = load [N]

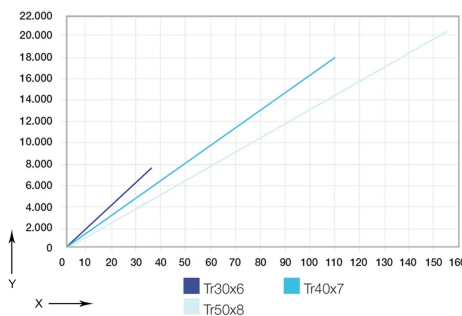


Required drive torque lead screw modules Ø16 to Ø24

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

x = torque [Nm]

y = load [N]



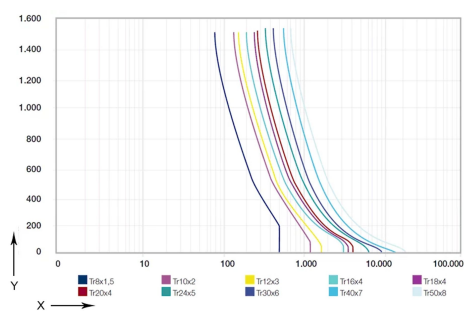
Required drive torque lead screw modules Ø30 to Ø50

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

x = torque [Nm]

y = load [N]

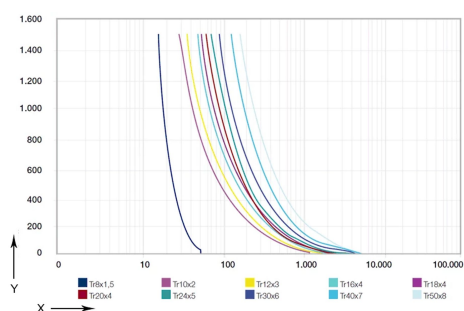




Maximum dynamic load for lead screw units with 10% ESD

x = load [N]

y = speed [rpm]



Maximum dynamic load for lead screw units with 100% ESD

x = load [N]

y = speed [rpm]