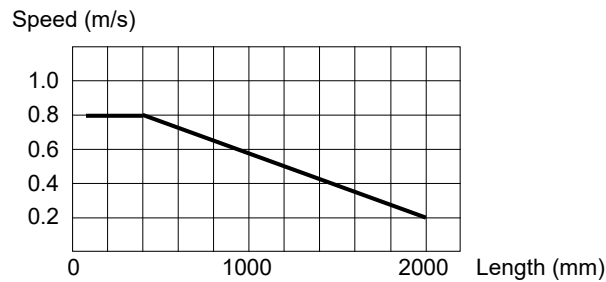


Operating Conditions

Speed

The maximum operating speed is determined by the mass of the intermediate element, which moves with the movable rail. This reduces the maximum permissible operating speed with increasing length.



Temperature

- Series ASN, DE and DBN can be used up to an ambient temperature of +170 °C (+338 °F). A lithium lubricant for high operating temperatures is recommended for temperatures above +130 °C (+266 °F).
- Series DS have a useable range of -30°C to +110°C (-22°F to +230°F) due to rubber stop.

Anticorrosive Protection

- All of the Telescopic Rail product series have a standard anticorrosive protection by electrolytic galvanisation according to ISO 2081. If increased anticorrosive protection is required, the rails are available chemically nickel plated and with corrosion resistant steel balls.
- Numerous application-specific surface treatments are available upon request, e.g., as a nickel-plated design with FDA approval for use in the food industry. For more information please contact Rollco.

Lubrication

- Recommended lubrication intervals are heavily dependent upon the ambient conditions, speed and temperature. Under normal conditions, lubrication is recommended after 100 km operational performance or after an operating period of six months. In critical application cases the interval should be shorter. Please clean the raceways carefully before lubrication. Raceways and spaces of the ball cage are lubricated with a lithium lubricant of average consistency (roller bearing lubricant).
- Different lubricants for special applications are available upon request. Example: Lubricant with FDA approval for use in the food industry. For more information please contact Rollco.