

Technical data

Mechanical and chemical properties	
Max. tensile strength (static)	$\leq 50 \text{ N/mm}^2$
Max. tensile strength (dynamic)	$\leq 20 \text{ N/mm}^2$
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 10 \times \varnothing$
Bending cycles	$\geq 3 \text{ million}$
Admissible acceleration	max. 5 m/s^2
Admissible travel path, horizontal	5 m (at 5 m/s^2)
Admissible travel path, vertical	2 m (at 5 m/s^2)
Admissible traversing speed	3.3 m/s
Torsional stress	$\pm 180 \text{ }^\circ/\text{m}$
Ambient temperature range (stationary)	$-40 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$
Ambient temperature range (In motion)	$-30 \text{ }^\circ\text{C} \dots +90 \text{ }^\circ\text{C}$
Ambient temperature during drag chain operation	$-25 \text{ }^\circ\text{C} \dots +60 \text{ }^\circ\text{C}$
Mounting screw	Brass, CuZn, nickel-plated