

| Preload class | Preload | Accuracy class |
|---------------|----------|-------------------|
| P2 | 0.08 • C | Q0 Q1 Q2 Q3 |
| P3 | 0.13 • C | Q0 Q1 Q2 Q3 |

P2 for high stiffness with average-high loads and variable vibrations
 P3 for maximum stiffness with high impact stresses or vibrations and high loads/moments

2.4 Allowed acceleration and speed

| | |
|--------------|-------------------------------|
| Speed | $V_{\max} = 3 \text{ m/s}$ |
| Acceleration | $a_{\max} = 50 \text{ m/s}^2$ |

Higher accelerations and speeds are possible according to preload, load, lubrication and assembly position values. In these cases, it is advisable to contact our engineering department.

2.5 Operating temperatures

| | |
|----------------------------------|------------------------|
| Allowable operating temperatures | from -10 °C to + 80 °C |
|----------------------------------|------------------------|

2.6 Construction materials

| | |
|----------------|------------------------|
| Carriage: | Hardened alloy steel |
| Guide: | Hardened steel |
| Rollers: | Hardened bearing steel |
| Plastic parts: | POM - PEI GF30 - TPE |

2.7 Anticorrosion coating

In case of particular applications, a thin hardened-chromium anticorrosion treatment is available.

Technical features:

- Thickness: 2-4 μm
- Surface with silver or dull black finish
- Untreated rolling elements and threads
- Maximum length of the guide to be treated: 3,5 m. In case of longer lengths ask our technical office
- Available for accuracy classes Q1, Q2 and Q3