

Roller guides



Application

Aluminium roller cages

- can be used in any installation position for longitudinal movements
- rotational motion not possible
- low mass and consequently lower inertia, particularly in the movement turning points
- long life time – The contact radii of the saddle shape are manufactured in such a way that critical loads on the edge area will be avoided. The bending as a result of the load in the middle surface to the external track leads to a compression which can be neglected.
- suitable for high lateral forces and a small cutting clearance – A profile roller can bear loads of 6 to 12 times higher (statically) and 2 to 3 times higher (dynamically) than a ball with the same diameter.

Dynamic loading capacity C_{100R} in accordance with DIN ISO 14728-1 for roller cages with diameters of 19 to 80 mm

