# Data sheet
# 827 CPS-G250

Swivel castor - mounting type: top plate (4 bolt holes).



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The design of this castor includes vysoko odolnú oceľovú vidlicu with hrúbkou plechu 12 až 15 mm, lakovanú v sivej farbe, which provides robustnú podporu. Wheel z liatého polyamidu is odolné to corrosion and chemicals, such as are alkoholy, soli, tuky and zriedené kyseliny či zásady, thereby hodí for demanding industrial prostredia. Use dvoch radiálnych guličkových ložísk with krytmi and kuželíkového bearing v smerovej otoči ensures maintenance-free operation and long service life. Thanks to tejto kombinácii materiálov and ložísk is castor suitable for equipment with trvalou záťažou, ponúkajúc reliable výkon na polyuretánových floors.

| | | |
|---|---|---|
| **TREAD AND TYRE HARDNESS** | 70° Shore D | ●●●●● |
| **ROLLING RESISTANCE** | excellent | ●●●●● |
| **OPERATING NOISE** | satisfactory | ●●○○○ |
| **WEAR RESISTANCE** | good | ●●●○○ |
| **TEMPERATURE RANGE** | from -15 °C to +80 °C | |

**Bracket 827 series:**

**Swivel castor with top plate (4 bolt holes)**

- heavy-duty version
- pressed steel, THK 12 ÷ 15 mm
- axial-radial ball bearing and tapered roller bearing in the swivel head
- lacquered
- grey color

**Wheel CPS series**

**Casted polyamide**:

- corrosion-free
- high chemical resistance to alcohol, salts, fats, some acids and bases in dilute concenrations (see spreadsheet chemical resistance of materials)
- natural beige color

**Application:**

- even polyurethane floors
- equipment with a permanent load
- suitable for long distances

**Bearing - ball:**

- two radial ball bearing with sealing covers

## Specifications

| | |
|---|---|
| Diameter (D) | 250 mm |
| Wheel width (S) | 70 mm |
| Plate size (A x B) | 195 x 160 mm |
| Bolt hole spacing (a x b) | 160 x 120 mm |
| Bolt holes Ø | 14,5 mm |
| Offset (F) | 65 mm |
| Mounting height(H) | 315 mm |
| Load | 3600 kg |
| Bearing type | Ball |
| Mounting type | Mounting bracket |
| Tread material | Plastic |
| Attributes | Non-marking |
| Wheel centre colour | Prírodná biela |
| Wheel centre | Polyamide |

When choosing the right wheel, please note the technical conditions and step-by-step guide in our catalogue (p. 4-17) or visit our website https://sk.renost.net/en/. Note: Load capacity refers to dynamic load according to STN EN 12532 (speed: 4 km/h, height of obstacles = 2,5% of the wheel diameter for tread hardness ≥ 90° Shore; height of obstacles = 5,0% of the wheel diameter for tread hardness < 90° Shore; temperature 17°C-23°C; humidity= 40%-70%).