# Data sheet
# 423F CPB-V100

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



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The series model 423 is designed such as swivel rolovacie castor with brake, where mounting doska na four otvory allows jednoduché mounting na steel plech thickness 3 až 3,5 mm. The design includes polyamidový tread, which is durable to corrosion and chemicals such as alkoholy, soli and tuky, which ho robí vhodným for various industrial prostredia. Thanks to ihlovému bearing with kalibrovanými dráhami and klietkou z polyamidu PA6 ensures smooth chod during krátkych prepravných vzdialenostiach, while brzdový mechanizmus locks rotation wheel and vidlice for zvýšenú safety. An ideal choice for applications with trvalou záťažou na polyuretánových floors, where zinkovaná vidlica without Cr6 contributes k dlhovekosti and bezstopému chodu.

**Bracket 423 series:**

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

- pressed steel, THK 3 ÷ 3,5 mm
- double ball bearing with calibrated races
- swivel head seal
- zinc-plated, Cr6-free

**Discription of the brake F:**

- the brake system prevents the rotation of the wheel and bracket in the direction of the current rotation

**Wheel CPB series:**

**Injection polyamide:**

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

**Application:**

- even polyurethane floors
- equipment with a permanent load
- short distances (CPB-K, V)
- long distances (CPB-g, G)

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

## Specifications

| | |
|---|---|
| Diameter (D) | 100 mm |
| Wheel width (S) | 35 mm |
| Plate size (A x B) | 105 x 85 mm |
| Bolt hole spacing (a x b) | 80 x 60 mm |
| Bolt holes Ø | 9 mm |
| Offset (F) | 40 mm |
| Mounting height(H) | 128 mm |
| Load | 200 kg |
| Bearing type | Ihlové |
| Mounting type | Mounting bracket |
| Tread material | Plastic |
| Attributes | Non-marking |
| Wheel centre colour | Prírodná biela |
| Wheel centre | Polyamide |
| Typ brzdy | F |

**Bearing - roller:**

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%).