Data sheet
453F CPB-K100

Swivel castor - mounting type: bolt hole, with brake.



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The design of this castor includes zinc-plated vidlicu z steel plechu with dvojitým axial bearing, which ensures smooth and durable chod. Thanks to the use of polyamide wheel centre and klzného bearing offers high chemickú resistance to alkoholu, soliam and tukom, which ho robí vhodným for equipment with trvalou záťažou. Mechanizmus brake F allows zablokovanie rotation v akomkoľvek direction, zvyšujúc safety and stability during handling. This castor is optimal for prostredia with krátkymi prepravnými vzdialenosťami and vyžadujúce minimálnu údržbu.

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 453 series:

Swivel castor with bolt hole

- pressed steel THK 3 ÷ 3,5 mm
- double ball bearing with calibrated races
- 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)

Bearing - plain bore:

- formed by wheel center material
- maintenance-free

Specifications

Diameter (D)	100 mm
Wheel width (S)	35 mm
Priemer príruby vidlice	76 mm
Bolt hole Ø	12.5 mm
Offset (F)	40 mm
Mounting height(H)	124 mm
Load	200 kg
Bearing type	Klzné
Mounting type	Stredový otvor
Tread material	Plastic
Attributes	Non-marking
Wheel centre colour	Prírodná biela
Wheel centre	Polyamide
Typ brzdy	F

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%).