Data sheet
453 CPB-V100

Swivel castor - mounting type: bolt hole.



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The design of this swivel rolovacieho castors includes zinc-plated vidlicu z steel plechu thickness 3 až 3,5 mm with dvojitým axial bearing and kalibrovanými dráhami, which ensures stability and long service life. Wheel centre is made z vstrekovaného polyamidu, which provides high chemickú resistance to alkoholu, soliam, tukom and zriedeným kyselinám či zásadám, thereby is suitable for various industrial prostredia. Use ihlového bearing, where vonkajší krúžok tvorí material wheel centre, allows maintenance-free operation and is optimálne for applications with krátkymi prepravnými vzdialenosťami. An ideal choice for equipment with trvalou záťažou na rovných floors, where vyžaduje reliability and durability.

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

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 - roller:

- the outer ring of the bearing formed by the wheel center material
- steel needles, hardness 25 HRC
- polyamide cage PA6
- suitable for short distances

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
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		Ihlové
Mounting type		Stredový otvor
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%).