Data sheet
CPS-G080-40-50/20

Wheel.

VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The series model CPS predstavuje samostatné wheel with liatym polyamide wheel centre, which stands out high durability to corrosion and chemicals. Thanks to the use of dvoch radiálnych guličkových ložísk with krytmi ensures plynulý and maintenance-free chod, which is advantageous for equipment with trvalou záťažou. An ideal choice for straight polyurethane floor, where kombinácia material and bearing minimises wear and increases service life. Konštrukcia is suitable na dlhé transport distances, while chemická resistance to alkoholu, soliam, tukom and zriedeným kyselinám či zásadám allows use v demanding prevádzkových conditions.

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

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)		80 mm
Wheel width (S)		40 mm
Load		1000 kg
Vnútorný priemer náboja (d)		20 mm
Dĺžka náboja (L)		44 mm
Vonkajšia vzd. Ložísk (SW)		50 mm
Bearing type		Ball
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%).