# Data sheet
# 623 ALUO-G200

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



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The design of this swivel rolovacieho castors includes vidlicu series 623 vyrobenú z steel plechu with hrúbkou 3 až 4 mm and zinkovanú without Cr6, which ensures antikoróznu protection and long service life. Wheel centre is made z hliníkovej liatiny so reinforced uzavretým rebrovaním, which increases strength, while the tread z liateho polyurethane elastomer is non-detachably chemicky combined with wheel centre, thereby zabraňuje odlupovaniu and guarantees high elasticity and durability against wear. Thanks to vysoko profilovému oblému tvaru and nízkemu rozbehovému and valivému odporu castor provides non-marking operation and nepoškodzuje ani nefarbí floor, which ho robí vhodným for tvrdé aj mäkké industrial floor so strednými nerovnosťami. Use dvoch radiálnych guličkových ložísk with krytmi ensures plynulú rotáciu and resistance to vysokým zaťaženiam, ideálne for nepretržitú operation v demanding conditions.

**Bracket 623 series:**

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

- standard version
- pressed steel, THK 3 ÷ 4 mm
- double bearing with calibrated races
- seal in the swivel head
- zinc-plated, Cr6-free

**Wheel ALUO series:**

**Wheel center:**

- die-cast aluminium
- reinforced with closed ribbing
- corrosion-free
- aluminium color

**Tread:**

- casted polyurethane-elastomer
- chemically-bonded inseparable connection with the wheel center
- High-profile rounded shape
- good elasticity, good at preserving floor surfaces
- non-marking
- low level of starting and rolling resistance
- cream color RAL 9001

| | | |
|---|---|---|
| **TREAD AND TYRE HARDNESS** | 87° ± 5° Shore A | ●●●●○ |
| **ROLLING RESISTANCE** | very good | ●●●●○ |
| **OPERATING NOISE** | good | ●●●○○ |
| **WEAR RESISTANCE** | excellent | ●●●●● |
| **TEMPERATURE RANGE** | od -20 °C do +70 °C | |

## Specifications

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|---|---|
| Diameter (D) | 200 mm |
| Wheel width (S) | 50 mm |
| Plate size (A x B) | 135 x 110 mm |
| Bolt hole spacing (a x b) | 105 x 80/75 mm |
| Bolt holes Ø | 11 mm |
| Offset (F) | 56 mm |
| Mounting height(H) | 240 mm |
| Load | 350 kg |
| Bearing type | Ball |
| Mounting type | Mounting bracket |
| Tread material | Polyuretán |
| Attributes | Non-marking |
| Farba behúňa | Krémová |
| Wheel centre colour | Hliníková |
| Wheel centre | Hliníková liatina |

**Application:**

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%).