# Data sheet
# 653 ALU-G180

Swivel castor - mounting type: bolt hole.




The design of this swivel rolovacieho castors uses zinc-plated vidlicu z steel plechu with dvojitým axial bearing, which ensures high stability and durability. Wheel centre z hliníkovej liatiny so reinforced rebrovaním is chemicky combined with liateho polyurethane elastomer, which creates nerozoberateľnú konštrukciu with vynikajúcou elasticitou and nosnosťou. Dve radiálne ball bearings with krytmi zaručujú nízky rozbehový and valivý odpor for non-marking operation. An ideal choice for tvrdé aj mäkké industrial floor with miernymi nerovnosťami, vďaka čomu is suitable for nepretržitú operation without poškodzovania alebo farbenia surfaces.

**Bracket 653 series:**

**Swivel castor with bolt hole**

- standard version
- steel THK 3 ÷ 3,5 mm
- double ball bearing with calibrated races
- zinc-plated, Cr6-free

**Wheel ALU 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
- good elasticity, good at preserving floor surfaces
- non-marking
- yellow-brown color

**Application:**

- hard and soft industrial floor surfaces
- mild obstacles
- continuous operation

| | | |
|---|---|---|
| **TREAD AND TYRE HARDNESS** | 92° ± 3° Shore A | ●●●●○ |
| **ROLLING RESISTANCE** | very good | ●●●●○ |
| **OPERATING NOISE** | good | ●●●○○ |
| **WEAR RESISTANCE** | excellent | ●●●●● |
| **TEMPERATURE RANGE** | od -20 °C do +70 °C | |

## Specifications

| | | |
|---|---|---|
| Diameter (D) | | 180 mm |
| Wheel width (S) | | 50 mm |
| Priemer príruby vidlice | | 102 mm |
| Bolt hole Ø | | 12.5 mm |
| Offset (F) | | 56 mm |
| Mounting height(H) | | 225 mm |
| Load | | 300 kg |
| Bearing type | | Ball |
| Mounting type | | Stredový otvor |
| Tread material | | Polyuretán |
| Attributes | | Non-marking |
| Farba behúňa | | Žlto-Hnedá |
| Wheel centre colour | | Hliníková |
| Wheel centre | | Hliníková liatina |

**Bearing - ball:**

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%).