# Data sheet
# 437 ALU-G080-45

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



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The design of this pevného rolovacieho castors includes vidlicu z pozinkovaného steel plechu without Cr6, which ensures durability against corrosion. Wheel centre z hliníkovej zliatiny is zosilnený uzatvoreným rebrovaním and antikorózne upravený farbou hliníkovou, which increases service life. Tread z liateho polyurethane elastoméra is non-detachably chemicky combined with wheel centre, poskytujúc dobrú elasticity and absorbciu for high load capacity, vrubovú húževnatosť and nízky rozbehový and valivý odpor, thereby nepoškodzuje and nefarbí floor. Thanks to dvom radiálnym ball ložiskám with krytmi achieves spoľahlivá and maintenance-free operation. An ideal choice for tvrdé aj mäkké industrial floor with miernymi nerovnosťami and nepretržitou prevádzkou, where important durability and quiet operation.

**Bracket 437 series:**

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

- pressed steel
- 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

**Bearing - ball:**

| | | |
|---|---|---|
| **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) | 80 mm |
| Wheel width (S) | 45 mm |
| Plate size (A x B) | 110 x 85 mm |
| Bolt hole spacing (a x b) | 86,5/80 x 60 mm |
| Bolt holes Ø | 9 mm |
| Mounting height(H) | 115 mm |
| Load | 225 kg |
| Bearing type | Ball |
| Mounting type | Mounting bracket |
| Tread material | Polyuretán |
| Attributes | Non-marking |
| Farba behúňa | Žlto-Hnedá |
| Wheel centre colour | Hliníková |
| Wheel centre | Hliníková liatina |

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%).