# Data sheet
# LU-G100-50-60/25

Wheel.



The design of this wheel includes wheel centre z jednodielnej šedej liatiny so reinforced load-bearing rebrom and antikoróznym náterom, which guarantees long-term strength. Tread z liatého polyurethane elastomer is chemicky combined with wheel centre, thereby ensures excellent elasticity and absorbciu vysokej záťaže without poškodzovania floors. Thanks to dvom radiálnym ball ložiskám with krytmi achieves nízky rozbehový and valivý odpor, which podporuje non-marking operation and reliability v demanding conditions. An ideal choice for straight betónové floor with miernymi nerovnosťami, where vyžaduje durability and efektívnosť v nepretržitej operation.

**Wheel LU series:**

**Wheel center:**

- one-piece
- grey cast iron (STN 42 2420)
- reinforced supporting rib
- anti-corrosion paint
- grey color

**Tread:**

- casted polyurethane elastomer
- chemically-bonded inseparable connection with the wheel center
- good elasticity and good at preserving floor surfaces
- non-marking
- low level of starting and rolling resistance
- brown color

**Application:**

- flat concrete floors
- small obstacles
- continuous operation

**Bearing - ball:**

- two radial ball bearing with sealing covers

| | | |
|---|---|---|
| **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) | | 100 mm |
| Wheel width (S) | | 50 mm |
| Load | | 400 kg |
| Vnútorný priemer náboja (d) | | 25 mm |
| Dĺžka náboja (L) | | 60 mm |
| Uloženie ložísk (L1) | | 56 mm |
| Bearing type | | Ball |
| Attributes | | Non-marking |
| Farba behúňa | | Hnedá |
| Wheel centre colour | | Sivá |
| Wheel centre | | Šedá 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%).