# Data sheet
# LU-G075-30-40/12

Wheel.



The series model LU uses konštrukčné riešenie with jednodielnym liatinovým wheel centre v šedej farbe, which is zosilnený load-bearing rebrom and chránený antikoróznym náterom. Tread z liateho polyurethane elastomer is non-detachably chemicky combined with wheel centre, which ensures excellent elasticity and high durability against wear, while nepoškodzuje ani nefarbí floor. Thanks to dvojitým radiálnym ball ložiskám with krytmi ensures maintenance-free operation and nízký rozbehový odpor. An ideal choice for nepretržitú operation na rovných betónových floors with miernymi nerovnosťami, where kombinácia materiálov and bearing podporuje long service life and smooth movement.

**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) | | 75 mm |
| Wheel width (S) | | 30 mm |
| Load | | 200 kg |
| Vnútorný priemer náboja (d) | | 12 mm |
| Dĺžka náboja (L) | | 40 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%).