# Data sheet
# PUR-g080/8 p

Wheel.



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The series model PUR uses konštrukčné riešenie with nárazuvzdorným polyamide wheel centre, which is zosilnený load-bearing rebrom and antikorózne farbený do svetlo sivej, thereby increases durability against poškodeniam. Tread z thermoplastic polyurethane elastoméra is non-detachably mechanicky combined with wheel centre, which provides excellent elasticity and schopnosť absorbovať high load, while jeho tmavo sivá farba and vrubová húževnatosť zaručujú non-marking operation without poškodzovania floors. Thanks to the use of jedno radiálneho guličkového bearing with cover and zakrytému náboju wheel thread guard cover achieves spoľahlivá and maintenance-free operation. An ideal choice for applications na rovných polyuretánových floors, where dlhé transport vzdialenosti vyžadujú durability and smooth movement.

**Wheel PUR series:**

**Wheel center:**

- impact-resistant structural polyamide
- reinforced bearing rib
- corrosion-resistant
- light-grey color

**Tread:**

- thermoplastic polyurethane-elastomer
- chemically-bonded inseparable connection with the wheel center
- good elasticity and absorption of high load capacity
- notch toughness
- very good floor preservation
- non-marking
- dark-grey color

**Použitie:**

- flat polyurethane floors
- long transport distances

**Bearing - ball:**

- one radial ball bearing with sealing covers
- wheel hub covered with a threaded guard

| | | |
|---|---|---|
| **TREAD AND TYRE HARDNESS** | 98° ± 2° Shore A | ●●●●○ |
| **ROLLING RESISTANCE** | very good | ●●●●○ |
| **OPERATING NOISE** | good | ●●●○○ |
| **WEAR RESISTANCE** | very good | ●●●●○ |
| **TEMPERATURE RANGE** | od -30 °C do +70 °C | |

## Specifications

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|---|---|
| Diameter (D) | 80 mm |
| Wheel width (S) | 30 mm |
| Mounting height(H) | 80 mm |
| Load | 130 kg |
| Vnútorný priemer náboja (d) | 8 mm |
| Dĺžka náboja (L) | 45 mm |
| Bearing type | Ball |
| Tread material | Polyuretán |
| Attributes | Kryt proti namotaniu vlákien |
| Farba behúňa | Sivá |
| Wheel centre colour | Sivá |
| Wheel centre | Polyamide |

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%).