Data sheet
LUZ-G082-100/20 /6204 ZV 14-17/

Wheel.



The series model LUZ uses konštrukčné riešenie with jednodielnym šedým liatinovým wheel centre podľa STN 42 2420, which is zosilnený load-bearing rebrom and chránený antikoróznym náterom. Thanks to the use of liatého polyurethane elastomérového tread, which is non-detachably chemicky combined with wheel centre, achieves high elasticity and vrubovú húževnatosť, ideálne for absorbciu nárazov and long service life. Dve radiálne ball bearings ensure smooth and maintenance-free chod with nízkym rozbehovým and valivým odporom. An ideal choice for straight polyurethane floor, primárne určená na nízkozdvižné and vysokozdvižné ručné trolleys, where saves floor and increases efektivitu operation.

Wheel LUZ 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:

- even polyurethane floors
- primarily intended for pallet trucks and forklift trucks

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)		82 mm
Wheel width (S)		100 mm
Mounting height(H)		82 mm
Load		850 kg
Vnútorný priemer náboja (d)		20 mm
Dĺžka náboja (L)		100 mm
Vonkajšia vzd. Ložísk (SW)		106 mm
Bearing type		Ball
Tread material		Polyuretán
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%).