Data sheet
LUZ-G082-78/20

Wheel.



The design of this samostatného wheel series LUZ uses zosilnený liatinový wheel centre with antikoróznym náterom, which is non-detachably combined with liatym polyurethane tread. Toto chemické spojenie ensures excellent elasticity and schopnosť absorbovať high load, while tread nepoškodzuje and nefarbí floor. Thanks to dvojitým radiálnym ball ložiskám with krytmi the wheel achieves mimoriadne nízky rozbehový and valivý odpor, which reduces fyzickú náročnosť manipulácie. An ideal choice for ručné nízkozdvižné and vysokozdvižné trolleys na rovných polyuretánových floors, where combines durability, húževnatosť and maintenance-free 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)		78 mm
Mounting height(H)		82 mm
Load		750 kg
Vnútorný priemer náboja (d)		20 mm
Dĺžka náboja (L)		78 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%).