Data sheet
LUZ-G082-65/20

Wheel.



The series model LUZ predstavuje robustné samostatné wheel with konštrukčným solution založeným na jednodielnom liatinovom wheel centre so reinforced load-bearing rebrom and antikoróznym náterom. Tread z liateho polyurethane elastomer is non-detachably chemicky combined with wheel centre, which ensures excellent elasticity and schopnosť absorbovať high load. Thanks to the use of dvoch radiálnych guličkových ložísk with krytmi the wheel achieves nízky rozbehový and valivý odpor, thereby reduces fyzickú námahu during handling. An ideal choice for ručné nízkozdvižné and vysokozdvižné trolleys na rovných polyuretánových floors, where jeho vrubová húževnatosť and nepoškodzujúce vlastnosti zaručujú long service life and bezpečnú 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)		65 mm
Mounting height(H)		82 mm
Load		500 kg
Vnútorný priemer náboja (d)		20 mm
Dĺžka náboja (L)		65 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%).