Data sheet
LU-G100-50-50/20

Wheel.



The series model LU uses konštrukčné riešenie with wheel centre z jednodielnej šedej liatiny (STN 42 2420), which is zosilnené load-bearing rebrom and chránené antikoróznym náterom, which increases durability and service life. Tread z liateho polyurethane elastomer is chemicky combined with wheel centre, which ensures excellent elasticity and schopnosť absorbovať high load, while nepoškodzuje and nefarbí floor. Thanks to the use of dvoch radiálnych guličkových ložísk with krytmi achieves nízky rozbehový and valivý odpor, which allows plynulý and quiet operation. An ideal choice for straight betónové floor with miernymi nerovnosťami, suitable do nepretržitej operation, where kladie dôraz na reliability and úsporu energie.

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)		100 mm
Wheel width (S)		50 mm
Load		350 kg
Vnútorný priemer náboja (d)		20 mm
Dĺžka náboja (L)		50 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%).