Data sheet
LU-G180/25 L2

Wheel.



The series model LU uses konštrukčné riešenie with wheel centre z jedného kusu šedej liatiny, which is vystužený load-bearing rebrom and chránený antikoróznym náterom. Tread z liatého 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 minimises únavu during handling. Polyuretánový tread má high vrubovú húževnatosť, nepoškodzuje and nefarbí floor, which ho robí vhodným do nepretržitej operation. An ideal choice for applications na rovných betónových floors with miernymi nerovnosťami, where potrebná reliability and gentleness k surface.

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)		180 mm
Wheel width (S)		50 mm
Mounting height(H)		180 mm
Load		850 kg
Vnútorný priemer náboja (d)		25 mm
Dĺžka náboja (L)		50 mm
Uloženie ložísk (L2)		42 mm
Bearing type		Ball
Tread material		Polyuretán
Farba behúňa		Hnedá
Wheel centre colour		Sivá
Wheel centre		Sivá 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%).