Data sheet
ALE-G100-40-40/12

Wheel.



The series model ALE predstavuje robustné samostatné wheel with hliníkovým wheel centre reinforced uzatvoreným rebrovaním, which increases durability and antikoróznu protection. Tread z plnej elastickej rubber is navulkanizovaný na wheel centre, which creates nerozoberateľné spojenie with vynikajúcou priechodnosťou cez nerovnosti. Dve radiálne ball bearings with krytmi zaručujú smooth and maintenance-free movement, while the elastický tread efektívne absorbuje vibrations and reduces hlučnosť. The design is ideálne for tvrdé pancierové floor, ale vďaka odolnosti and tlmeniu is suitable aj na nerovné surfaces, where ensures stable and quiet operating comfort.

Wheel ALE series:

Wheel center:

- aluminium
- reinforced with closed ribbing
- corrosion-free
- aluminium color

Tread:

- elastic solid rubber
- chemically-bonded inseparable connection with the wheel center (vulkanized)
- excellent at crossing obstacles
- vibration-absorbing
- silent operation
- black color

Application:

- hard (armored) floors
- suitable for uneven surfaces

Bearing - ball:

- two radial ball bearing with sealing covers

TREAD AND TYRE HARDNESS	65° ± 5° Shore A	●●●○○
ROLLING RESISTANCE	good	●●●○○
OPERATING NOISE	very good	●●●●○
WEAR RESISTANCE	good	●●●○○
TEMPERATURE RANGE	od -30 °C do +80 °C	

Specifications

Diameter (D)		100 mm
Wheel width (S)		40 mm
Load		100 kg
Vnútorný priemer náboja (d)		12 mm
Dĺžka náboja (L)		40 mm
Bearing type		Ball
Tread material		Guma a TPE
Attributes		Nízka hlučnosť
Farba behúňa		Čierna
Wheel centre colour		Hliníková
Wheel centre		Hliníková 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%).