Data sheet
653 ALU-G100

Swivel castor - mounting type: bolt hole.



The design of this swivel rolovacieho castors includes hliníkový wheel centre with rebrovaním for zvýšenú strength and antikoróznu protection, combined with liateho polyurethane elastomérového tread, which provides excellent elasticity and absorbciu nárazov without poškodzovania floors. Dvojité axial bearing with kalibrovanými dráhami and dve radiálne ball bearings with krytmi ensure nízky valivý odpor and long service life, while the zinc-plated vidlica z steel plechu thickness 3 ÷ 3,5 mm ensures resistance to corrosion. An ideal choice for tvrdé aj mäkké industrial floor with miernymi nerovnosťami, vďaka čomu is suitable for nepretržitú operation with high nosnosťou and bezstopým chodom.

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	

Bracket 653 series:

Swivel castor with bolt hole

- standard version
- steel THK 3 ÷ 3,5 mm
- double ball bearing with calibrated races
- zinc-plated, Cr6-free

Wheel ALU series:

Wheel center:

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

Tread:

- casted polyurethane-elastomer
- chemically-bonded inseparable connection with the wheel center
- good elasticity, good at preserving floor surfaces
- non-marking
- yellow-brown color

Application:

- hard and soft industrial floor surfaces
- mild obstacles
- continuous operation

Specifications

Diameter (D)	100 mm
Wheel width (S)	40 mm
Priemer príruby vidlice	102 mm
Bolt hole Ø	12.5 mm
Offset (F)	56 mm
Mounting height(H)	135 mm
Load	220 kg
Bearing type	Ball
Mounting type	Stredový otvor
Tread material	Polyuretán
Attributes	Non-marking
Farba behúňa	Žlto-Hnedá
Wheel centre colour	Hliníková
Wheel centre	Hliníková liatina

Bearing - ball:

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%).