Data sheet
653F ALU-G100

Swivel castor - mounting type: bolt hole, with brake.



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The design of this swivel rolovacieho castors uses hliníkový wheel centre so reinforced rebrovaním, which is chemicky combined with liateho polyurethane elastomer. Toto nerozoberateľné spojenie ensures high load capacity and excellent elasticity, thereby protects floor pred poškodením and farbením. Dve radiálne ball bearings with krytmi zaručujú nízky rozbehový and valivý odpor, which allows non-marking operation aj during nepretržitej operation. Mechanizmus brake typu F blocks rotation wheel and vidlice v current direction, thereby increases safety and stability. Zinc-plated vidlica z steel plechu thickness 3 až 3,5 mm with montážnym hole na skrutku ensures simple installation and long-term resistance to corrosion. An ideal choice for tvrdé aj mäkké industrial floor with miernymi nerovnosťami, where potrebná reliability and gentleness k surface.

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

Discription of the brake F:

- the brake system prevents the rotation of the wheel and bracket in the direction of the current rotation

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

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)	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
Typ brzdy	F

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%).