

# Data sheet

## 653F ALU-G100

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



### 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

### Application:

- hard and soft industrial floor surfaces
- mild 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)         |  | 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 brzdý               |  | 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%).