# Data sheet
# 452FX PYR-g080 p

Nerezové otočné rolovacie koliesko s brzdou - spôsob upnutia: montážny otvor na skrutku.



VYROBENÉ NA SLOVENSKU
MADE IN SLOVAKIA

INOX
NEHRDZAVEJÚCA OCEĽ

The design of this swivel rolovacieho castors with brake uses vidlicu z nerezového plechu and mounting hole na skrutku for simple installation. Wheel centre z impact-resistant design polyamidu so reinforced load-bearing rebrom and antikoróznou modrou farbou is mechanicky combined with elastickým polyurethane tread, which ensures excellent priechodnosť cez nerovnosti and tlmí vibrations. Thanks to dvojitému axial ball bearing with nerezovými guličkami and cover against vláknam ensures reliable and maintenance-free operation with tichým chodom. Mechanizmus brake F allows zablokovanie rotation wheel and vidlice v current direction. An ideal choice for dlhé transport vzdialenosti na tvrdých industrial floors with miernymi nerovnosťami.

**Bracket 452X series:**

**Swivel castor with bolt hole**

- stainless steel
- double axial bearing with stainless steel balls

**Discription of the brake F:**

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

**Wheel PYR series:**
**Wheel center:**

- impact-resistant structural polyamide
- reinforced bearing rib
- corrosion-resistant
- black color

**Tread:**

- elastic polyurethane
- chemically-bonded inseparable connection with the wheel center
- very good obstacles crossing
- absorbs vibrations
- low-noise operation
- non-marking
- color blue

| | | |
|---|---|---|
| **TREAD AND TYRE HARDNESS** | 75° ± 2° Shore A | ●●●○○ |
| **ROLLING RESISTANCE** | good | ●●●○○ |
| **OPERATING NOISE** | very good | ●●●●○ |
| **WEAR RESISTANCE** | good | ●●●○○ |
| **TEMPERATURE RANGE** | od -30 °C do +70 °C | |

## Specifications

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|---|---|
| Diameter (D) | 80 mm |
| Wheel width (S) | 30 mm |
| Priemer príruby vidlice | 70 mm |
| Bolt hole Ø | 12.3 mm |
| Offset (F) | 37,5 mm |
| Mounting height(H) | 105 mm |
| Load | 130 kg |
| Bearing type | Ball |
| Mounting type | Stredový otvor |
| Tread material | Polyuretán |
| Attributes | |
| Farba behúňa | Modrá |
| Wheel centre colour | Black |
| Wheel centre | Polyamide |
| Typ brzdy | F |

**Application:**
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%).