Data sheet
427BS ZU-G080-45

Swivel castor - mounting type: top plate (4 bolt holes).



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NA SLOVENSKU
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The design of this castor includes vidlicu series 427 z pozinkovaného steel plechu with hrúbkou 5 až 6 mm, which increases resistance to corrosion. Thanks to the use of axiálno-radiálneho guličkového bearing and kuželíkového bearing v smerovej otoči is zabezpečená plynulá and bezstopá rotácia, while brake BS allows zablokovanie rotation using skrutky with krížovou hlavou. Wheel centre is made z vysoko odolnej zváranej oceľovej konštrukcie with lakovaným sivým povrchom, while the tread z liateho polyurethane elastomer is non-detachably chemicky combined with wheel centre, which guarantees excellent elasticity and schopnosť absorbovať high load. An ideal choice for tvrdé aj mäkké industrial floor, tento model offers nízky rozbehový and valivý odpor, vrubovú húževnatosť and nepoškodzuje ani nefarbí surfaces, thereby is suitable for nepretržitú operation v environments with miernymi nerovnosťami.

Bracket 427 series:

Swivel castor with top plate (4 bolt holes)

- heavy-duty version
- pressed steel THK 5 ÷ 6 mm
- axial-radial ball bearing, tapered roller bearing in the swivel head
- swivel head seal
- zinc-plated, Cr6-free

Discription of the brake BS:

- crosshead screw prevents the rotation of the wheel

Wheel ZU series:

Wheel center:

- highly durable welded steel construction made of forged sheets
- lacquered
- grey color

Tread:

- casted polyurethane elastomer
- chemically-bonded inseparable connection with the wheel center
- good elasticity, good at preserving floor surfaces
- notch toughness
- non-marking
- low level of starting and rolling resistance

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)		80 mm
Wheel width (S)		45 mm
Plate size (A x B)		110 × 85 mm
Bolt hole spacing (a x b)		86,5/80 × 60 mm
Bolt holes Ø		9 mm
Offset (F)		43 mm
Mounting height(H)		115 mm
Load		225 kg
Bearing type		Ball
Mounting type		Mounting bracket
Tread material		Polyuretán
Attributes		Non-marking
Farba behúňa		Žlto-Hnedá
Wheel centre colour		Sivá
Wheel centre		Oceľ
Typ brzdy		B

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%).