Data sheet
624F ALE-G180

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



VYROBENÉ
NA SLOVENSKU
MADE IN SLOVAKIA

The design of this swivel rolovacieho castors with brake uses vidlicu series 624 with pozinkovanou finish without Cr6 and tesnením otoča for zvýšenú durability. Wheel centre z hliníkovej liatej zosilnenej konštrukcie with uzatvoreným rebrovaním is antikorózny and farbený v hliníkovej farbe, while the tread z plnej elastickej rubber is navulkanizovaný na wheel centre, which ensures nerozoberateľné spojenie, veľmi dobrú priechodnosť cez nerovnosti and výborné tlmenie vibrácií. Thanks to the use of dvoch radiálnych guličkových ložísk with krytmi v axiálnom bearing with kalibrovanými dráhami achieves model smooth and maintenance-free movement. Mechanizmus brake F locks rotation wheel and vidlice v current direction, thereby increases safety and stability. An ideal choice for use na tvrdých pancierových floors, suitable aj na nerovné surfaces, where provides reliable and quiet výkon.

Bracket 624 series:

Swivel castor with top plate (4 bolt holes)

- medium-duty version
- pressed steel, THK 4 ÷ 5 mm
- double ball bearing with calibrated races
- swivel head seal
- 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 ALE series:

Wheel center:

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

Tread:

- elastic solid rubber
- chemically-bonded inseparable connection with the wheel center (vulkanized)
- excellent at crossing obstacles

TREAD AND TYRE HARDNESS	65° ± 5° Shore A	●●●○○
ROLLING RESISTANCE	good	●●●○○
OPERATING NOISE	very good	●●●●○
WEAR RESISTANCE	good	●●●○○
TEMPERATURE RANGE	od -30 °C do +80 °C	

Specifications

Diameter (D)		180 mm
Wheel width (S)		50 mm
Plate size (A x B)		135 × 110 mm
Bolt hole spacing (a x b)		105 × 80/75 mm
Bolt holes Ø		11 mm
Offset (F)		56 mm
Mounting height(H)		230 mm
Load		400 kg
Bearing type		Ball
Mounting type		Mounting bracket
Tread material		Guma a TPE
Attributes		Nízka hlučnosť
Farba behúňa		Čierna
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%).