



CARTEC

BDE 4504 N SC - 18 t - Roller brake tester, 18 t axle load



Key Features

- Analogue display, double scale: display range 0-8 / 0-40 kN
- Two-part zinc-coated roller set
- Rollers with wear-proof plastic coating on welded expanded metal or rollers SmoothGrip (suitable for spiked tyres)
- Elevated rear rollers: 50 mm
- Splash-proof motors
- Rust-proof feeler rolls
- Measurement with wear-free strain-gauge type load cells
- Electric automatic drive-off aid
- Automatic test sequence
- Interface for printer / PC
- Determination of braking force, braking force imbalance, rolling friction, ovality
- Automatic switching in and re-start
- Automatic or manuell operation mode
- Cut-out at wheel lock
- Permanent determination of braking force imbalance
- Automatic zero adjustment
- Error check routine
- Measurement indication for cars and trucks

Specifications

Brake tester - Axle weight max. (t)	18
Brake tester - Roller diameter (mm)	255
Brake tester - Roller length (mm)	1000
Brake tester - Roller elevation (mm)	50
Brake tester - Roller coefficient: dry / wet	0.9 / 0.5
Brake tester - Idling speed (km/h)	2.6
Brake tester - Temperature range (°C)	0 - 70
Brake tester - Power supply (V / Hz)	400 / 50
Brake tester - Supply lead (mm ²)	5 x 16
Brake tester - Fuse rating, slow-blow (A slow-blow)	3 x 80
Brake tester - Motor power (kW)	2 x 15
Brake tester - Height (mm)	2 x 1270
Brake tester - Width (mm)	2 x 1210
Brake tester - Depth (mm)	2 x 640
Brake tester - Weight (kg)	2 x 700
Display cabinet - Measuring range (kN)	0 - 8 / 0 - 40
Display cabinet - Height (mm)	600
Display cabinet - Width (mm)	800
Display cabinet - Depth (mm)	200
Display cabinet - Weight (kg)	
- Weight (kg)	35

Options

- Kit 4WD mode
- Lifting device HBV 4000
- Side-slip tester SSP 4000

Options

Wheel / axle load weighing unit
Safety device for pit installation (Mandatory for use in Germany)
Key-operated main switch, attached externally
Roller cover plates, traversable - plug-in type
Built-in frame to facilitate preparation of foundation
Pedal pressure transducer
Air pressure transducers
Infrared remote control
Column or swivel wall support for display cabinet
2-digit LED for braking force imbalance 0-99%
8-digit LED for axle load weighing system, track, pedal pressure
PC upgrade and PC equipment
SP Software (TAK version)
Tacho Control

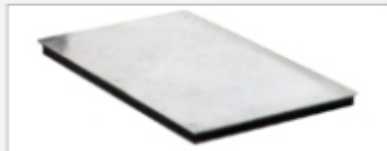
Delivery

Analogue display cabinet, display range 0-8/0-40 kN
Roller set
30 m connecting lead

Versions

with brake motors
with two test speeds
230 V / 60 Hz

Components



SSP 4000

Test plate, zinc-coated
Quick diagnosis of the track
Check-up of track toe-in / toe-out

Axle weight max. (t): 20
Height (mm): 70
Width (mm): 800
Depth (mm): 1000
Weight (kg): 153



HBV 4000

The lifting device HBV 4000 can be used - only in conjunction with BDE 4504 16 t / 18 t with 8-sensor wheel load weighing unit - to simulate various axle loads. The mechanics are raised and pressed against the vehicle under test.

Built-in frames (fully hot galvanized) absolutely required for cementing in

Installation of serial roller brake tester BDE 4504 16 t / 18 t with lifting chassis and wheel load weighing system 2 x 4 sensors

Lifting mechanics varnished

Operation via IR remote control possible

Lifting device - Lifting force max. (t): 14
Lifting device - Stroke max. (mm): 200
Lifting device - Lifting time approx. (s): 30
Lifting device - Lowering time approx. (s): 30
Lifting device - Weight incl. hydraulic unit (kg): 750
Lifting device - Height of built-in frame per installation side (mm): 980
Lifting device - Width of built-in frame per installation side (mm): 1400
Lifting device - Depth of built-in frame per installation side (mm): 1400
Lifting device - Weight of built-in frame per installation side (kg): 260
Lifting device - Hydraulic unit - Operating pressure (bar): 160
Lifting device - Hydraulic unit - Pump rating (l/min): 4.8
Lifting device - Hydraulic unit - Motor rating (kW): 1.5



NSV 4000

hydraulic aggregate
hydraulic cylinder
loops
chains with hooks
control cabinet

Designed
for the

simulation of any axle load thus obtaining the brake pressure under load conditions as well as the travel of the spring system.

In addition, you will be able to check the axle load-controlled braking device on air-suspended vehicles.

Load Simulator - Max. load simulating force (t): 10
Load Simulator - Operating pressure (bar): 150
Load Simulator - Stroke max. (mm): 300
Load Simulator - Delivery rate (l/min): 5.2
Load Simulator - Capacity (l): 17
Load Simulator - Hydraulic unit - Height (mm): 500
Load Simulator - Hydraulic unit - Width (mm): 395
Load Simulator - Hydraulic unit - Depth (mm): 200

Similar products



BDE 4504 N SC - 16 t

Analogue display, double scale: display range 0-8 / 0-40 kN, Two-part zinc-coated roller set, Rollers with wear-proof plastic coating on welded expanded metal or rollers SmoothGrip (suitable for spiked tyres), Elevated rear rollers: 50 mm, Motors located under the rollers, Idle running speed 2.6 km/h, Motor power 2 x 11 kW, Power supply 3/N/PE 400 V AC, 50 Hz

Pedidos:

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