

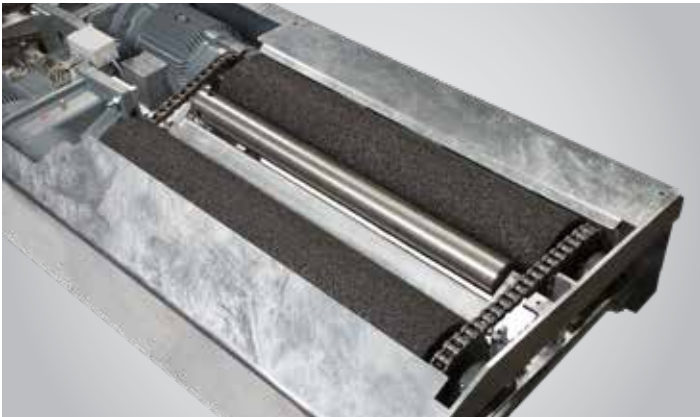
BDE 4504 K

ROLLER BRAKE TESTER

The new heavy duty brake tester, compact design,
with max. drive over weight per axle of 16t

BDE 4504 K

ROLLER BRAKE TESTER



The compact design of the roller set simplifies a lot the installation and represents a convenient solution for installation when:

- Inspection pit is not present
- Outside, due to the reduced depth
- Some of the existing foundations are present

Service and calibration are also facilitated, since all the relevant components are easily accessible in the middle of the frame, between the left and right rollers. The standard double testing speeds allows to test also light vehicles.

Roller set



- Roller set, in compact design, hot dip galvanized and consequently suitable for outdoor installation
- Coated rollers (new CPS coating which has 3 YEARS WARRANTY)
- 985 mm roller length
- Splash-proof motors, 11 kW with electric automatic drive-off aid to facilitate driving off the rollers or equipped with brake as option
- Measurement with wear-free strain-gauge type load cells

Display cabinets

BDE 4504 K 2 16 t

Large analogue display unit and power cabinet separated. It can be used stand-alone (with printer) or in connection with PC.



BDE 4504 K SC 2 16 t

Analogue display unit with control unit integrated without power cabinet. It can be used stand-alone (with printer) or in connection with PC.



The measuring range for both version is 0–8 / 0–40 kN, when a car is tested, the measuring range switches automatically to 8 kN.

Technical data

Roller brake tester	BDE 4504 K	
Max. drive over weight per axle	kg	16.000
Measuring range	N	0-8.000 / 0-40.000
Max. brake force	N	30.000
Test weight per axle according ISO 21069 (70% braking efficiency)	kg	8.600
Idling speed	km/h	2,7 - 5,4
Roller coefficient dry wet		> 0,7 / > 0,6
Motor power	kW	2 x 11
Roller diameter	mm	204
Roller length	mm	985
Roller elevation	mm	30
Test width min-max	mm	952 - 2922
Dimension of the roller set W x L x H	mm	3160 x 920 x 350
Dimension of the display cabinet H x W x D	mm	900 x 900 x 200
Dimension of the display cabinet (SC) H x W x D	mm	800 x 600 x 200
Power supply and fuse rating, slow-blow type		3/N/PE 400 V AC - 3 x 63 A

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