

PERFORMANCE MEASUREMENT TECHNOLOGY DYNAMOMETERS

R 200/2 DIVIDED
VP 430004



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The double roller dynamometer R 200/2 DIVIDED with an eddy current brake on each roller set and pneumatic lifting beam is designed to measure the performance of trucks and stands out due to its extremely robust, durable and low-maintenance construction. The R 200/2 ensures highest measuring accuracy due to the power measurement at a constant rpm, speed or tractive force, including the towing power measurement. For tuning and adjustment tasks the load simulation is evaluated graphically. An extension up to a wheel power of 660 kW is optionally possible.

PRODUCT DETAILS/ACCESSORIES

Description:

- Self-supporting split roller set for improved accessibility while pulling down the vehicle
- Hydraulic lifting bar

- Cardan shaft for connecting both load rollers
- Varnished with high-quality powder coating: Anthracite Grey, RAL 7016 (dynamometer frame, covers)
- Wet-coated load roller, ruby red, RAL 3003

TECHNICAL DATA

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|---------------------------------------|----------------------------|
| Axle load | 15000 kg |
| Max. electric eddy-current brakes | 2 x 150 kW |
| Dimensions per roller set (L x W x H) | 2260 x 1100 x 865 mm |
| Weight | approx. 2500 kg |
| Min. track | 1000 mm |
| Max. track | 2800 mm |
| Smallest testable wheel diameter | 500 mm |
| Roller diameter | 318 mm |
| Power supply | 3/N/PE 400 V 50 Hz |
| gG fuse | 63 A |
| Max. test speed | 200 km/h |
| Max. wheel power | 300 kW |
| Max. wheel power (optional) | 660 kW |
| Max. tractive force | 15 kN |
| Measurement accuracy | |
| Wheel power measurement | +/- 2% from measured value |
| Packaging dimensions (L x W x H) | 4700 x 1300 x 1300 mm |
| Weight including packaging | approx. 2800 kg |

ACCESSORIES

VZ 935181 Flame coated load rollers for roller set R 100/R 200 -EXTRA CHARGE-

VZ 935111 Reinforced Eddy Current Brakes max. wheel power 660 kW, 25 kN (2 pcs)

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| VZ 935051 | Hydraulic Load Simulator with 2 restraining straps for Roller Set R 200/2 | VZ 975652 | Calibration Device LPS R50/R100/R 200 universal (Telma CC 160, CC 330) |
| VZ 935102 | Standard Vehicle Restraint System | SUPPLEMENTARY CHARGES | |
| VZ 930021 | Idle Roller Set for Trucks with twin-axle drive | VT 995020 | Transportkosten R 200 |
| VZ 935054 | Thermostat-Controlled Fan for attachment on top of one air cooled eddy current brake | VM 995061 | Montagekosten R 200 -AUF ANFRAGE |
| VZ 975651 | Calibration Device LPS/MSR, R200 w Reinforced Eddy Current Brakes (Telma CC 330) | VM 995060 | Montagekosten Leer-Rollensatz -AUF ANFRAGE |
| | | VM 996151 | Montagekosten Belastungseinrichtung für LPS 3000 -AUF ANFRAGE- |