



PLAY DETECTOR

Joint play detector GST 651 | 230 V

To detect defects and wear in the suspension systems of double-track vehicles | up to 4 t axle load

Article number: 1691650001

Description

- The geometry of the axle to be tested is displaced by moving the test plates of the GST 6xx. This makes it possible to detect impermissible play at joints and wheel bearings or to localise cracks at stub axles for example.
- The GST 651 is only to be used for the inspection of double-track vehicles with a maximum axle load of 4000 kg.
- Remote control over control lamp with control buttons (Ø 60 mm, length 205 mm, incl. Halogen bulb with reflector, GU5,3 / 38°, 12 V / 20 W)

Scope of delivery

- Test plates (2x)
- Control module incl. control lamp
- Hydraulic unit
- Hydraulic line fitting set
- Fitting set
- Hydraulic fluid (Type of fluid DIN 51524 VG 22)

Technical Data

Electrical connection	-
Packaging length	1145 mm
Packaging width	820 mm
Packaging height	500 mm
Gross weight	250 kg
Weight	228 kg
Max. axle load testable	4000 kg
Relative humidity max.	85 %
Fuse protection	16 A
Test speed	75 mm/s
Test plate weight	70 kg
Test plate height	130 mm
Hydraulic oil quantity	18 l
Max. drive-over load	4000 kg
Supply lead	4 x 2,5 mm ²
Test plate length	730 mm
Test plate width	730 mm
Control voltage	12 V (DC)
Remote control	- Serienmäßig
Lifting device, max. stroke	40 mm
Lifting device hydraulic power unit pump rating	3 l/min
Lifting device hydraulic power unit operating pressure	120 bar

Lifting device hydraulic power unit motor rating	1 kW
Cable length to the control unit	5 m
Bewegung der Prüfplatte	80 mm
Min. operating temperature	-10 °C
Max. operating temperature	+60 °C
Min. storage temperature	-25 °C
Max. storage temperature	80 °C
Thrust per cylinder	12000 N
Lifting device hydraulic power unit motor speed	1410 U/min
Control module dimensions (W x D x H)	360 x 150 x 200 mm

Accessories

1691651001 Installation frame for play detector GST 651

