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Product Name :
Roller Bearing Faults Kit

Product Code :
LBNY-0005-10100036



Description :

Vibration analysis is a key tool in estimating the condition of a roller bearing. The spectral distribution can deliver accurate information on the type and location of the damage. This accessory set-up contains six roller bearings on which different faults can be detected and explained. The slow change in the vibration spectrum provides indications of the remaining life of a bearing and can be used as a criterion for its replacement. The radial load on the bearing can be set within broad limits using the belt drive accessory set (setting of belt tension; fixed load).

Technical Specification :

Investigation of the vibrations of roller bearings
Long-running roller bearings
Roller bearings with faulty inner race
Roller bearings with damaged rolling element
Roller bearings with damaged outer race
Roller bearings with combined damage
New and undamaged roller bearings
Accessory set for machinery diagnostic training system
Radial loading of bearings with (belt drive).

Technical Data:

Pendulum ball bearing of type 1204TV.C3
Outside diameter: $D=47\text{mm}$
Inside diameter: $d=20\text{mm}$

Width: 14mm
Number of balls: 12
Dimensions and Weight:
LxWxH: 600x400x120mm (box)
Weight: approx. 3kg.



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