



## TECHNICAL CONDITIONS No. 058/2022-R&D

for delivery of the bearing **72-6-12** and using with rotor cup

|                                  |   |
|----------------------------------|---|
| <b>Description of the goods:</b> | special double row bearing for rotor spinning in Open-end textile machines  |
| <b>Drawing No.:</b>              | 72-6-12-00-137  |
| <b>Marking:</b>                  | 72-6-12, Kinex logo, MADE IN SLOVAKIA, character code – on the surface of outer ring<br>QR code – on the face of shaft (rotor cup side)   |
| <b>Resilent mounting type:</b>   | 83-18-6, 83-23-1, 83-18-2, 83-18-4  |
| <b>Working temperature:</b>      | Open-end textile machines must be placed in the conditioned environment, where the temperature is between 18-32°C and relative humidity is about 50-65%.  |
| <b>Maximum revolutions:</b> 1    | 90 000 min <sup>-1</sup> + 1 %  |
| <b>Position in machine:</b>      | Horizontal  |
| <b>Dynamic load rate:</b>        | 1310 N for one row  |
| <b>Static load rate:</b>         | 380 N for one row   |
| <b>Belt load:</b>                | $Fr \leq 22 \text{ N}$  |
| <b>Roror cup weight:</b>         | max. 0,025kg  |
| <b>Unbalance:</b>                | Residual specific unbalance of bearing with the rotor cup can be in both balancing planes max. 0,5 $\mu\text{m}$ . The maximum permissible specific unbalance in the textile operation in both balancing planes levels is 1,0 $\mu\text{m}$ |
| <b>Relubrication interval:</b>   | 2000 $\pm$ 100hrs (quantity of the oil ISOFLEX PDP 65 KLUBER LUBRICATION is approximately 0,4cm <sup>3</sup> for the whole bearing - 0,2cm <sup>3</sup> for each row)   |
| <b>Corrosion protection:</b>     | Conservation in oil fog, in order to avoid corrosion it is protected until it is opened for the first time, but not later than 24 months from the packaging date marked at the package  |

