

# Rolling bearing greases

## ARCANOL-LOAD460-180KG (Series ARCANOL-LOAD460)

### special greases for ball and roller bearings

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

|                           |                                                                            |
|---------------------------|----------------------------------------------------------------------------|
| KP1K-30                   | Identification to DIN 51825                                                |
| 0,93 kg / dm <sup>3</sup> | Density                                                                    |
|                           | Thickener: lithium/calcium                                                 |
|                           | Base oil type: mineral oil                                                 |
| -30 .. +130 °C            | Operating temperature range to DIN 51825                                   |
| 80 °C                     | Continuous limit temperature                                               |
| ≥ 400 mm <sup>2</sup> / s | Base oil viscosity at 40°C to DIN 51562 - 1                                |
| 310 - 340                 | Churning penetration<br>0,1 mm<br>to DIN ISO 2137                          |
| 1                         | NLGI class<br>to DIN ISO 2137                                              |
| ≥ 170                     | Drop point<br>to DIN 51818                                                 |
| ≤ 1 - 90                  | Behaviour in the presence of water<br>Assessment level<br>to DIN 51807 - 1 |
| 0/0                       | Anti-corrosion protection (Emcor)<br>Corrosion rating<br>to DIN 51802      |
| 0/0                       | 1 % NaCl<br>Corrosion rating                                               |
| ≤ 1                       | Copper corrosion to 24 h/120°C<br>Corrosion rating                         |

to DIN 51811

400000 mm/min Speed limit  $n \cdot dm$   
Ball bearings, cylindrical roller bearings

200000 mm/min Speed limit  $n \cdot dm$   
Other roller bearings  
(not for axial cylindrical roller bearings and axial spherical roller bearings)

180 kg Container size  
Container type: drum

