

## Spindle bearings B7014-C-2RSD-T-P4S (Series B70..-C-2RSD)

adjusted, in pairs or sets, contact angle  $\alpha = 15^\circ$ , lip seals on both sides,  
non-contact, restricted tolerances

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 ([https://www.schaeffler.de/content.schaeffler.de/en/news\\_media/index.jsp](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

d	70 mm	
D	110 mm	
B	20 mm	
a	22,1 mm	
Da	102 mm	Tolerance: H12
da	77 mm	Tolerance: h12
r1 min	1,1 mm	
ra1 max	0,6 mm	
ra max	1 mm	
rmin	1,1 mm	
$\alpha$	15 °	Contact angle

m	0,59 kg	≈ Mass
C <sub>r</sub>	50000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	30500 N	Basic static load rating, radial
C <sub>ur</sub>	3250 N	Fatigue limit load, radial
n <sub>G Fett</sub>	13000 1/min	Limiting speed for grease lubrication The limiting speeds are based on elastically preloaded single bearings.
F <sub>V L</sub>	276 N	Preload force
F <sub>V M</sub>	894 N	Preload force
F <sub>V H</sub>	1790 N	Preload force
K <sub>aE L</sub>	853 N	Lift-off force
K <sub>aE M</sub>	2995 N	Lift-off force
K <sub>aE H</sub>	6414 N	Lift-off force
C <sub>a L</sub>	73,5 N/μm	Axial rigidity
C <sub>a M</sub>	125 N/μm	Axial rigidity
C <sub>a H</sub>	179 N/μm	Axial rigidity



