

Spindle bearings

B7010-E-2RSD-T-P4S (Series B70..-E-2RSD)

adjusted, in pairs or sets, contact angle $\alpha = 25^\circ$, 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 (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	50 mm
D	80 mm
B	16 mm
a	23 mm
Da	74 mm Tolerance: H12
da	56 mm Tolerance: h12
r1	1 mm
r1min	
ra1	0,3 mm
ra1max	
ra	1 mm
ra1max	
rmin	1 mm
α	25 ° Contact angle
m	0,266 kg Mass
Cr	27500 N Basic dynamic load rating, radial
C0r	15300 N Basic static load rating, radial
ng	16000 1/min Limiting speed for grease lubrication
Fett	
Cur	1590 N Fatigue limit load, radial
Fv	209 N Preload force
L	
Fv	774 N Preload force

M	
F _V	1648 N Preload force
H	
K _{aE}	610 N Lift-off force
L	
K _{aE}	2336 N Lift-off force
M	
K _{aE}	5151 N Lift-off force
H	
C _a	119,8 N Axial rigidity
L	
C _a	197 N Axial rigidity
M	
C _a	269,6 N Axial rigidity
H	



