



# Spindle bearings B7010-E-T-P4S

## (Series B70..-E)

adjusted, in pairs or sets, contact angle  $\alpha = 25^\circ$ , 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
min	
ra1	0,3 mm
max	
ra	1 mm
max	
rmin	1 mm
$\alpha$	25 ° Contact angle
m	0,256 kg Mass
Cr	27500 N Basic dynamic load rating, radial
Cor	15300 N Basic static load rating, radial
ng	16000 1/min Limiting speed for grease lubrication
Fett	
ng	24000 1/min Limiting speed for minimal quantity oil lubrication
Öl	
Cur	1580 N Fatigue limit load, radial



