



# Spindle bearings B7009-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	45 mm
D	75 mm
B	16 mm
a	22 mm
Da	69 mm Tolerance: H12
da	51 mm Tolerance: h12
r1	1 mm
min	
ra1	0,3 mm
max	
ra	1 mm
max	
rmin	1 mm
$\alpha$	25 ° Contact angle
m	0,237 kg Mass
Cr	26500 N Basic dynamic load rating, radial
Cor	14200 N Basic static load rating, radial
ng	17000 1/min Limiting speed for grease lubrication
Fett	
ng	26000 1/min Limiting speed for minimal quantity oil lubrication
Öl	
Cur	1460 N Fatigue limit load, radial



