



# Spindle bearings B7001-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	12 mm
D	28 mm
B	8 mm
a	6 mm
Da	24,5 mm Tolerance: H12
da	16,5 mm Tolerance: h12
r1	0,3 mm
r1 min	
ra1	0,1 mm
ra1 max	
ra	0,3 mm
ra max	
rmin	0,3 mm
$\alpha$	25 ° Contact angle
m	0,023 kg Mass
Cr	4450 N Basic dynamic load rating, radial
Cor	1750 N Basic static load rating, radial
nG Fett	53000 1/min Limiting speed for grease lubrication
nG Öl	85000 1/min Limiting speed for minimal quantity oil lubrication
Cur	180 N Fatigue limit load, radial



