

Spindle bearings B7205-C-T-P4S

(Series B72..-C)

adjusted, in pairs or sets, contact angle $\alpha = 15^\circ$, 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	25 mm
D	52 mm
B	15 mm
a	13 mm
Da	45,5 mm Tolerance: H12
da	31,5 mm Tolerance: h12
E _{tk} nom	36,5 mm
r ₁ min	1 mm
r _{a1} max	1 mm
r _a max	1 mm
r _{min}	1 mm
α	15 ° Contact angle
m	0,126 kg Mass
C _r	18300 N Basic dynamic load rating, radial
C _{0r}	9200 N Basic static load rating, radial
n _G Fett	28000 1/min Limiting speed for grease lubrication
n _G Öl	43000 1/min Limiting speed for minimal quantity oil lubrication
C _{ur}	950 N Fatigue limit load, radial
F _v	80 N Preload force

L	
Fv	265 N Preload force
M	
Fv	531 N Preload force
H	
KaE	248 N Lift-off force
L	
KaE	906 N Lift-off force
M	
KaE	1949 N Lift-off force
H	
Ca	30,4 N Axial rigidity
L	
Ca	53,4 N Axial rigidity
M	
Ca	77 N Axial rigidity
H	



