

Spindle bearings B7220-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	100 mm
D	180 mm
B	34 mm
a	36 mm
Da	165,5 mm Tolerance: H12
da	114,5 mm Tolerance: h12
E _{tk} nom	132,4 mm
r ₁ min	2,1 mm
r _{a1} max	2,1 mm
r _a max	2,1 mm
r _{min}	2,1 mm
α	15 ° Contact angle
m	3,35 kg Mass
C _r	135000 N Basic dynamic load rating, radial
C _{0r}	88000 N Basic static load rating, radial
n _G Fett	7500 1/min Limiting speed for grease lubrication
n _G Öl	12000 1/min Limiting speed for minimal quantity oil lubrication
C _{ur}	7600 N Fatigue limit load, radial
F _v	789 N Preload force

L	
Fv	2466 N Preload force
M	
Fv	4892 N Preload force
H	
KaE	2439 N Lift-off force
L	
KaE	8230 N Lift-off force
M	
KaE	17428 N Lift-off force
H	
Ca	120,8 N Axial rigidity
L	
Ca	202,5 N Axial rigidity
M	
Ca	287,2 N Axial rigidity
H	



