

Spindle bearings B7222-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	110 mm
D	200 mm
B	38 mm
a	40 mm
Da	183,5 mm Tolerance: H12
da	126,5 mm Tolerance: h12
E _{tk} nom	147,4 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	4,6 kg Mass
C _r	164000 N Basic dynamic load rating, radial
C _{0r}	105000 N Basic static load rating, radial
n _G Fett	6700 1/min Limiting speed for grease lubrication
n _G Öl	10000 1/min Limiting speed for minimal quantity oil lubrication
C _{ur}	8700 N Fatigue limit load, radial
F _v	989 N Preload force

L	
Fv	3069 N Preload force
M	
Fv	6072 N Preload force
H	
KaE	3060 N Lift-off force
L	
KaE	10252 N Lift-off force
M	
KaE	21655 N Lift-off force
H	
Ca	131 N Axial rigidity
L	
Ca	219,1 N Axial rigidity
M	
Ca	310,5 N Axial rigidity
H	



