

Spindle bearings HSS7012-C-T-P4S

(Series HSS70..-C)

adjusted, in pairs or sets, contact angle $\alpha = 15^\circ$, lip seals
on both sides, non-contact, 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	60 mm
D	95 mm
B	18 mm
a	19 mm
Da	88 mm Tolerance: H12
da	67 mm Tolerance: h12
ra	1 mm
r _{max}	
r _{min}	1,1 mm
α	15 ° Contact angle
m	0,433 kg Mass
Cr	18600 N Basic dynamic load rating, radial
C _{0r}	12500 N Basic static load rating, radial
n _G	20000 1/min Limiting speed for grease lubrication
Fett	
Cur	1280 N Fatigue limit load, radial
F _V	65 N Preload force
L	
F _V	194 N Preload force
M	
F _V	388 N Preload force
H	
K _{aE}	194 N Lift-off force
L	
K _{aE}	609 N Lift-off force

M	
KaE	1269 N Lift-off force
H	
Ca	44,8 N Axial rigidity
L	
Ca	70,5 N Axial rigidity
M	
Ca	96,4 N Axial rigidity
H	



