

Spindle bearings B71940-C-T-P4S

(Series B719..-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	200 mm
D	280 mm
B	38 mm
a	51 mm
Da	266 mm Tolerance: H12
da	214 mm Tolerance: h12
E _{tk} nom	232,4 mm
r ₁ min	1,1 mm
r _{a1} max	1 mm
r _a max	1 mm
r _{min}	2,1 mm
α	15 ° Contact angle
m	6,05 kg Mass
C _r	210000 N Basic dynamic load rating, radial
C _{0r}	179000 N Basic static load rating, radial
n _G Fett	4500 1/min Limiting speed for grease lubrication
n _G Öl	7000 1/min Limiting speed for minimal quantity oil lubrication
C _{ur}	11900 N Fatigue limit load, radial
F _v	1127 N Preload force

L	
Fv	3678 N Preload force
M	
Fv	7439 N Preload force
H	
KaE	3433 N Lift-off force
L	
KaE	12027 N Lift-off force
M	
KaE	25875 N Lift-off force
H	
Ca	179,5 N Axial rigidity
L	
Ca	301,5 N Axial rigidity
M	
Ca	427 N Axial rigidity
H	



