

Spindle bearings B71908-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 (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	40 mm	
D	62 mm	
B	12 mm	
a	12,8 mm	
Da	58,5 mm	Tolerance: H12
da	45 mm	Tolerance: h12
E _{tk1} max	49,1 mm	
E _{tk1} min	47,3 mm	
E _{tk} max	49,1 mm	
E _{tk} min	47,3 mm	
r1 min	0,6 mm	

$r_{a1 \max}$	0,15 mm	
$r_{a \max}$	0,6 mm	
r_{\min}	0,6 mm	
α	15 °	Contact angle
m	0,109 kg	≈ Mass
C_r	18000 N	Basic dynamic load rating, radial
C_{0r}	9900 N	Basic static load rating, radial
C_{ur}	1040 N	Fatigue limit load, radial
$n_G \text{ Fett}$	24000 1/min	Limiting speed for grease lubrication The limiting speeds are based on elastically preloaded single bearings.
$n_G \text{ Öl}$	36000 1/min	Limiting speed for minimal quantity oil lubrication The limiting speeds are based on elastically preloaded single bearings.
$F_{V L}$	84 N	Preload force
$F_{V M}$	292 N	Preload force
$F_{V H}$	594 N	Preload force
$K_{aE L}$	259 N	Lift-off force
$K_{aE M}$	979 N	Lift-off force
$K_{aE H}$	2140 N	Lift-off force

Ca L	40,7 N/μm	Axial rigidity
Ca M	71,6 N/μm	Axial rigidity
Ca H	103 N/μm	Axial rigidity



