

**FAG****B71960-C-T-P4S-UL**

Spindle bearing

Spindle bearing B719...-C, adjusted, in pairs or sets, contact angle $\alpha = 15^\circ$, restricted tolerances

Informacje techniczne

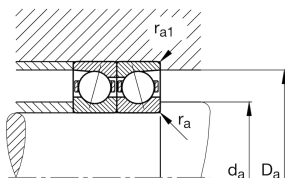


Twoja aktualna wersja produktu

Preload	L	Preload light
Contact angle	C	Contact angle 15°
Tolerance class	P4S	Tolerance class P4S, FAG standard better than P4 to ISO 492:2023
Sealing	Without	Not sealed
Cage	T	Laminated fabric cage
Arrangement bearing set	U	Single bearing

Main Dimensions & Performance Data

d	300 mm	Bore diameter
D	420 mm	Outside diameter
B	56 mm	Width
C_r	370.000 N	Basic dynamic load rating, radial
C_{0r}	405.000 N	Basic static load rating, radial
C_{ur}	22.500 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	3.000 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	4.500 1/min	Limiting speed for oil lubrication
$\approx m$	19,7 kg	Masa





Mounting dimensions

d _a	322 mm	Diameter shaft shoulder
d _a	h12	Diameter shaft shoulder clearance
D _a	398 mm	Shoulder diameter outer ring
D _a	H12	
r _a max	1,5 mm	Maximum recess radius
r _{a1} max	1 mm	Maximum recess radius
E _{tk} min	337,1 mm	Minimum diameter injection pitch
E _{tk} max	349,7 mm	Maximum diameter injection pitch
E _{tk1} min	337,1 mm	Minimum diameter injection pitch
E _{tk1} max	349,7 mm	Maximum diameter injection pitch
a	76,2 mm	Distance between the apexes of the pressure cones

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
r ₁ min	1,1 mm	Minimum chamfer dimension
α	15 °	Contact angle

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.



Additional information

F_{VL}	2.084 N	Preload force light
F_{VM}	6.676 N	Preload force medium
F_{VH}	13.480 N	Preload force heavy
K_{aEL}	6.297 N	Lift-off force light
K_{aEM}	21.485 N	Lift-off force medium
K_{aEH}	45.930 N	Lift-off force heavy
c_{aL}	249 N/ μ m	Axial rigidity light
c_{aM}	409 N/ μ m	Axial rigidity medium
c_{aH}	574 N/ μ m	Axial rigidity heavy

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Łożysko gabarytowe