

**FAG****B7226-C-T-P4S-UL**

Spindle bearing

Spindle bearing B72...-C, adjusted, in pairs or sets, contact angle $\alpha = 15^\circ$, restricted tolerances

Informacje techniczne



Twoja aktualna wersja produktu

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

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	230 mm	Outside diameter
B	40 mm	Width
C_r	215.000 N	Basic dynamic load rating, radial
C_{0r}	151.000 N	Basic static load rating, radial
C_{ur}	11.900 N	Fatigue load limit, radial
n_G Grease	5.600 1/min	Limiting speed for grease lubrication
$n_{G\text{ Oil}}$	8.500 1/min	Limiting speed for oil lubrication
$\approx m$	6,017 kg	Masa





Mounting dimensions

d_a	148 mm	Diameter shaft shoulder
d_a	h12	Diameter shaft shoulder clearance
D_a	211,5 mm	Shoulder diameter outer ring
D_a	H12	
$r_{a \max}$	2,5 mm	Maximum recess radius
$r_{a1 \max}$	1 mm	Maximum recess radius
$E_{tk \min}$	160,9 mm	Minimum diameter injection pitch
$E_{tk \max}$	172 mm	Maximum diameter injection pitch
$E_{tk1 \min}$	160,9 mm	Minimum diameter injection pitch
$E_{tk1 \max}$	172 mm	Maximum diameter injection pitch
a	44,1 mm	Distance between the apexes of the pressure cones

Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$r_{1 \min}$	3 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}	1.306 N	Preload force light
F_{VM}	4.034 N	Preload force medium
F_{VH}	7.993 N	Preload force heavy
K_{aEL}	4.018 N	Lift-off force light
K_{aEM}	13.354 N	Lift-off force medium
K_{aEH}	28.189 N	Lift-off force heavy
c_{aL}	147 N/ μ m	Axial rigidity light
c_{aM}	244 N/ μ m	Axial rigidity medium
c_{aH}	344 N/ μ m	Axial rigidity heavy

Właściwości

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