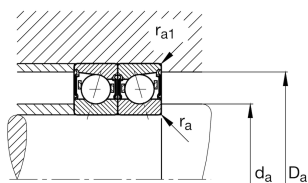
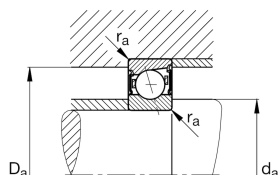
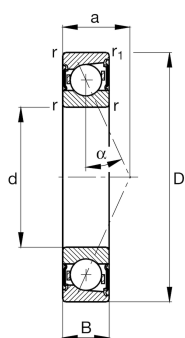


**FAG****B7200-E-2RSD-T-P4S-UL**

Spindle bearing

Spindle bearing B72...-E-2RSD, adjusted, in pairs or sets, contact angle $\alpha = 25^\circ$, lip seals on both sides, non-contact, restricted tolerances

Informacje techniczne



Twoja aktualna wersja produktu

Preload class	L	Preload light
Contact angle	E	Contact angle 25°
Tolerance class	P4S	Tolerance class P4S, FAG standard better than P4 to ISO 492:2023
Cage	T	Laminated fabric cage
Arrangement bearing set	U	Single bearing
Lubricant	GA21	Grease for super precision bearings, standard

Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	9 mm	Width
C_r	6.600 N	Basic dynamic load rating, radial
C_{0r}	2.800 N	Basic static load rating, radial
C_{ur}	305 N	Fatigue load limit, radial
n_G Grease	50.000 1/min	Limiting speed for grease lubrication
$\approx m$	30 g	Masa



Mounting dimensions

d_a	14,5 mm	Diameter shaft shoulder
d_a	h12	Diameter shaft shoulder clearance
D_a	25,5 mm	Shoulder diameter outer ring
D_a	H12	
$r_{a\ max}$	0,6 mm	Maximum recess radius
$r_{a1\ max}$	0,3 mm	Maximum recess radius
a	9,3 mm	Distance between the apexes of the pressure cones

Dimensions

$r_{\min}$	0,6 mm	Minimum chamfer dimension
$r_{1\ \min}$	0,6 mm	Minimum chamfer dimension
α	25 °	Contact angle

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	80 °C	Operating temperature max.

Additional information

$F_{V\ L}$	32 N	Preload force light
$F_{V\ M}$	141 N	Preload force medium
$F_{V\ H}$	314 N	Preload force heavy
$K_{aE\ L}$	94 N	Lift-off force light
$K_{aE\ M}$	429 N	Lift-off force medium
$K_{aE\ H}$	995 N	Lift-off force heavy
$c_{a\ L}$	36 N/μm	Axial rigidity light
$c_{a\ M}$	63 N/μm	Axial rigidity medium
$c_{a\ H}$	89 N/μm	Axial rigidity heavy



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne