



FAG

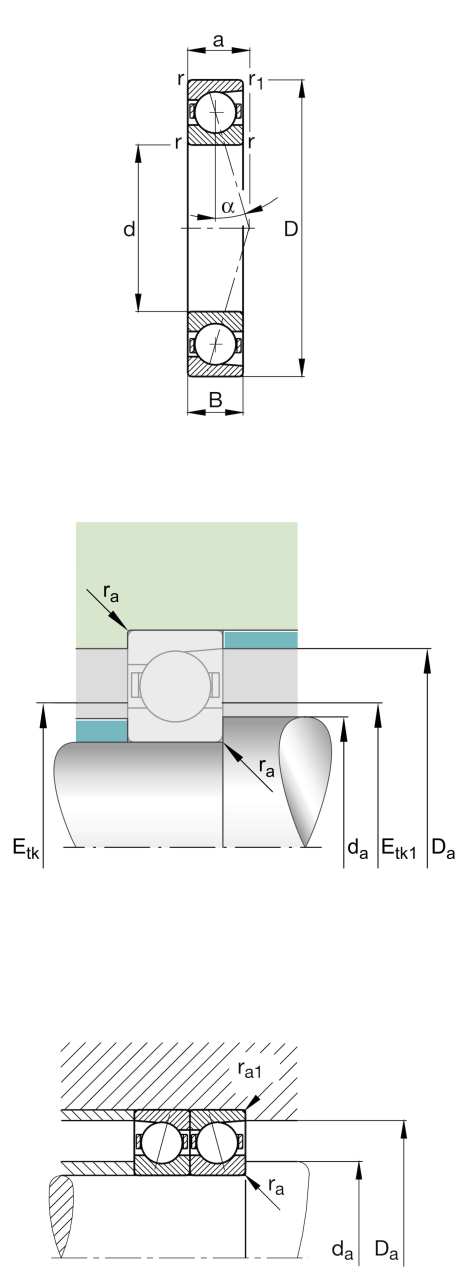
B71936-C-T-P4S-UL

Spindle bearing

Materiálové číslo Schaeffler:
0191555220000

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

Technické informace



Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	250 mm	Outside diameter
B	33 mm	Width
C _r	171.000 N	Basic dynamic load rating, radial
C _{0r}	146.000 N	Basic static load rating, radial
C _{ur}	10.500 N	Fatigue load limit, radial
n _{G Grease}	5.300 1/min	Limiting speed for grease lubrication
n _{G Oil}	8.000 1/min	Limiting speed for oil lubrication
	4,065 kg	\$_{Hmotnost}\$

Mounting dimensions

d _a	192 mm	Diameter shaft shoulder
d _a	h12	Diameter shaft shoulder clearance
D _a	238 mm	Shoulder diameter outer ring
D _a	H12	Shoulder diameter outer ring clearance
r _{a max}	1 mm	Maximum recess radius
r _{a1 max}	1 mm	Maximum recess radius
E _{tk min}	201,6 mm	Minimum diameter injection pitch
E _{tk max}	209 mm	Maximum diameter injection pitch
E _{tk1 min}	201,6 mm	Minimum diameter injection pitch
E _{tk1 max}	209 mm	Maximum diameter injection pitch
a	45,3 mm	Distance between the apexes of the pressure cones

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	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}	960 N	Preload force light
F _{VM}	3.036 N	Preload force medium
F _{VH}	6.076 N	Preload force heavy
K _{aEL}	2.933 N	Lift-off force light
K _{aEM}	9.953 N	Lift-off force medium
K _{aEH}	21.191 N	Lift-off force heavy
c _{aL}	168 N/μm	Axial rigidity light
c _{aM}	279 N/μm	Axial rigidity medium
c _{aH}	394 N/μm	Axial rigidity heavy