



FAG

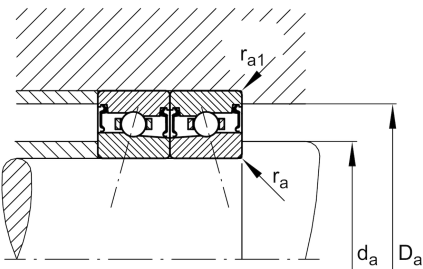
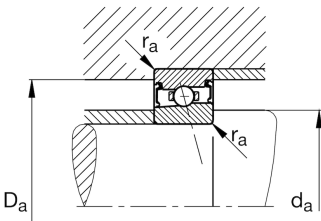
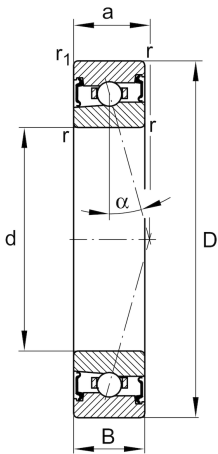
HSS71908-C-T-P4S-UL

Angular contact ball bearing

Schaeffler ID:
0191856850000

Spindle bearings HSS719..-C, adjusted, in pairs or sets, contact angle $\alpha = 15^\circ$, lip seals on both sides, non-contact, restricted tolerances

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	62 mm	Outside diameter
B	12 mm	Width
C _r	6,800 N	Basic dynamic load rating, radial
C _{0r}	4,300 N	Basic static load rating, radial
C _{ur}	455 N	Fatigue load limit, radial
n _{G Grease}	32,000 1/min	Limiting speed for grease lubrication
	131 g	Weight

Mounting dimensions

d _a	45 mm	Diameter shaft shoulder
d _a	h12	Diameter shaft shoulder clearance
D _a	58.5 mm	Shoulder diameter outer ring
D _a	H12	Shoulder diameter outer ring clearance
r _{a max}	0.6 mm	Maximum recess radius
r _{a1 max}	0.15 mm	Maximum recess radius
a	12.8 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	15 °	Contact angle

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	80 °C	Operating temperature max.

Additional information

F _{VL}	24 N	Preload force light
F _{VM}	72 N	Preload force medium
F _{VH}	145 N	Preload force heavy
K _{aEL}	72 N	Lift-off force light
K _{aEM}	227 N	Lift-off force medium
K _{aEH}	473 N	Lift-off force heavy
c _{aL}	26.6 N/μm	Axial rigidity light
c _{aM}	41.8 N/μm	Axial rigidity medium
c _{aH}	57.2 N/μm	Axial rigidity heavy