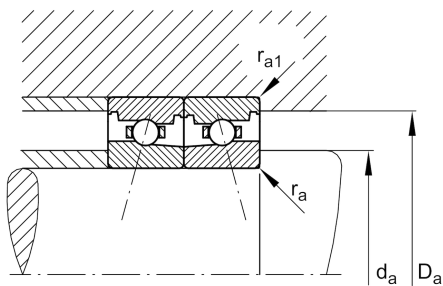
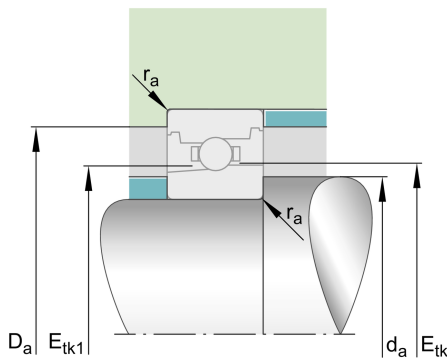
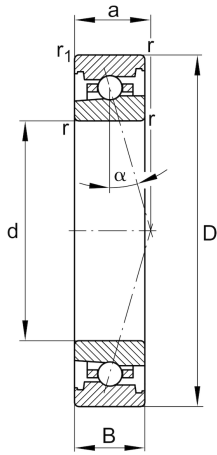


FAG**HS71902-C-T-P4S-UL**

Angular contact ball bearing

Schaeffler ID:
0384409200000Spindle bearings HS719.-C, adjusted,
in pairs or sets, contact angle $\alpha = 15^\circ$,
restricted tolerances

Technical information

**Temperature range**

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.
	16,7 g	Weight

Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	28 mm	Outside diameter
B	7 mm	Width
C_r	2.550 N	Basic dynamic load rating, radial
C_{0r}	1.040 N	Basic static load rating, radial
C_{ur}	111 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	75.000 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	110.000 1/min	Limiting speed for oil lubrication

Dimensions

r_{\min}	0,3 mm	Minimum chamfer dimension
$r_{1 \min}$	0,3 mm	Minimum chamfer dimension
α	15 °	Contact angle

Mounting dimensions

d_a	18 mm	Diameter shaft shoulder
d_a	h12	Diameter shaft shoulder clearance
D_a	25,5 mm	Shoulder diameter outer ring
D_a	H12	Shoulder diameter outer ring clearance
$r_{a \max}$	0,3 mm	Maximum recess radius
$r_{a1 \max}$	0,1 mm	Maximum recess radius
$E_{tk \min}$	19,9 mm	Minimum diameter injection pitch
$E_{tk \max}$	20,4 mm	Maximum diameter injection pitch
$E_{tk1 \min}$	18,8 mm	Minimum diameter injection pitch
$E_{tk1 \max}$	20,4 mm	Maximum diameter injection pitch
a	6,4 mm	Distance between the apexes of the pressure cones

Additional information

F_{VL}	9 N	Preload force light
F_{VM}	28 N	Preload force medium
F_{VH}	56 N	Preload force heavy
K_{aEL}	28 N	Lift-off force light
K_{aEM}	90 N	Lift-off force medium
K_{aEH}	188 N	Lift-off force heavy
c_{aL}	11,4 N/ μm	Axial rigidity light
c_{aM}	18,2 N/ μm	Axial rigidity medium
c_{aH}	25,2 N/ μm	Axial rigidity heavy