

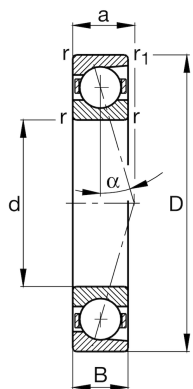
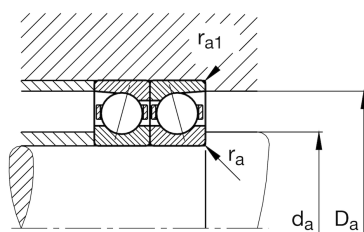
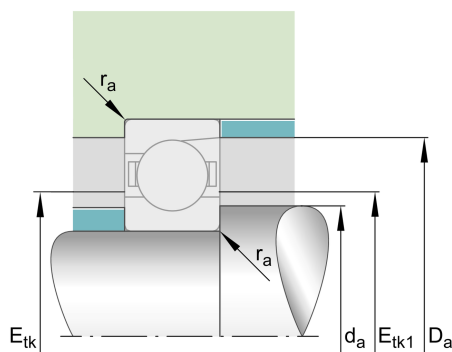
FAG

**B71908-C-T-P4S-UL**

Spindle bearing

Schaeffler ID:  
0191537910000Spindle bearings B719.-C, adjusted,  
in pairs or sets, contact angle  $\alpha = 15^\circ$ ,  
restricted tolerances

## Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	62 mm	Outside diameter
B	12 mm	Width
$C_r$	18.000 N	Basic dynamic load rating, radial
$C_{0r}$	9.900 N	Basic static load rating, radial
$C_{ur}$	1.040 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	24.000 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	36.000 1/min	Limiting speed for oil lubrication
	0,109 kg	Weight

**Dimensions**

$r_{\min}$	0,6 mm	Minimum chamfer dimension
$r_{1 \min}$	0,6 mm	Minimum chamfer dimension
$\alpha$	$15^\circ$	Contact angle

**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
$E_{tk \min}$	47,3 mm	Minimum diameter injection pitch
$E_{tk \max}$	49,1 mm	Maximum diameter injection pitch
$E_{tk1 \min}$	47,3 mm	Minimum diameter injection pitch
$E_{tk1 \max}$	49,1 mm	Maximum diameter injection pitch
a	12,8 mm	Distance between the apices of the pressure cones

**Additional information**

$F_{VL}$	84 N	Preload force light
$F_{VM}$	292 N	Preload force medium
$F_{VH}$	594 N	Preload force heavy
$K_{aEL}$	259 N	Lift-off force light
$K_{aEM}$	979 N	Lift-off force medium
$K_{aEH}$	2.140 N	Lift-off force heavy
$c_{aL}$	40,7 N/ $\mu\text{m}$	Axial rigidity light
$c_{aM}$	71,6 N/ $\mu\text{m}$	Axial rigidity medium
$c_{aH}$	103 N/ $\mu\text{m}$	Axial rigidity heavy