



FAG

★ B71926-C-T-P4S-UL

Spindle bearing

Schaeffler ID:
0191551400000

★ Preferred product

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

Technical information



Main Dimensions & Performance Data

| | | |
|------------------------|--------------|---------------------------------------|
| d | 130 mm | Bore diameter |
| D | 180 mm | Outside diameter |
| B | 24 mm | Width |
| C_r | 90.000 N | Basic dynamic load rating, radial |
| C_{0r} | 71.000 N | Basic static load rating, radial |
| C_{ur} | 6.000 N | Fatigue load limit, radial |
| $n_{G \text{ Grease}}$ | 7.000 1/min | Limiting speed for grease lubrication |
| $n_{G \text{ Oil}}$ | 11.000 1/min | Limiting speed for oil lubrication |
| | 1,49 kg | Weight |

Additional information

| | | |
|--------------|----------------------|---------------------------|
| r_{\min} | 1,5 mm | Minimum chamfer dimension |
| F_{VL} | 486 N | Preload force light |
| $r_{1 \min}$ | 1,5 mm | Minimum chamfer dimension |
| F_{VM} | 1.571 N | Preload force medium |
| α | 15° | Contact angle |
| F_{VH} | 3.160 N | Preload force heavy |
| K_{aEL} | 1.488 N | Lift-off force light |
| K_{aEM} | 5.171 N | Lift-off force medium |
| K_{aEH} | 11.084 N | Lift-off force heavy |
| c_{aL} | 117 N/ μm | Axial rigidity light |
| c_{aM} | 197 N/ μm | Axial rigidity medium |
| c_{aH} | 279 N/ μm | Axial rigidity heavy |



Mounting dimensions

| | | |
|----------------|----------|---|
| d_a | 139 mm | Diameter shaft shoulder |
| d_a | h12 | Diameter shaft shoulder clearance |
| D_a | 171 mm | Shoulder diameter outer ring |
| D_a | H12 | Shoulder diameter outer ring clearance |
| $r_{a \max}$ | 0,6 mm | Maximum recess radius |
| $r_{a1 \max}$ | 0,6 mm | Maximum recess radius |
| $E_{tk \min}$ | 145,5 mm | Minimum diameter injection pitch |
| $E_{tk \max}$ | 150,7 mm | Maximum diameter injection pitch |
| $E_{tk1 \min}$ | 145,5 mm | Minimum diameter injection pitch |
| $E_{tk1 \max}$ | 150,7 mm | Maximum diameter injection pitch |
| a | 32,8 mm | Distance between the apexes of the pressure cones |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 100 °C | Operating temperature max. |