



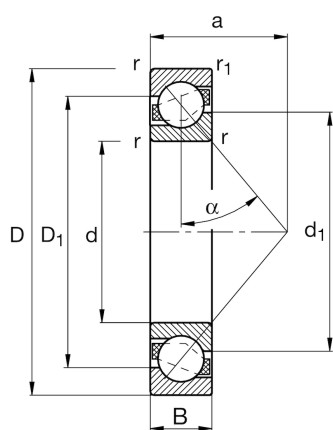
71806-TN

Angular contact ball bearing

Materiálové číslo Schaeffler:
0096210080000

Angular contact ball bearing 718.-B-TVP,
single row, plastic cage

Technické informace



Main Dimensions & Performance Data

| | | |
|----------|--------------|-----------------------------------|
| d | 30 mm | Bore diameter |
| D | 42 mm | Outside diameter |
| B | 7 mm | Width |
| C_r | 5.600 N | Basic dynamic load rating, radial |
| C_{0r} | 4.550 N | Basic static load rating, radial |
| C_{ur} | 300 N | Fatigue load limit, radial |
| n_G | 20.600 1/min | Limiting speed |
| n_{gr} | 9.600 1/min | Reference speed |
| | 0,026 kg | Hmotnost |

Mounting dimensions

| | | |
|---------------|--------|--------------------------------------|
| $d_{a \min}$ | 32 mm | Minimum diameter of shaft shoulder |
| $D_{a \max}$ | 40 mm | Maximum diameter of housing shoulder |
| $D_{b \max}$ | 40 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 0,3 mm | Maximum fillet radius of shaft |
| $r_{a1 \max}$ | 0,2 mm | Maximum fillet radius of housing |

Dimensions

| | | |
|--------------|---------|---|
| r_{\min} | 0,3 mm | Minimum chamfer dimension |
| $r_{1 \min}$ | 0,2 mm | Minimum chamfer dimension |
| D_1 | 37,3 mm | Shoulder diameter on outer ring wide side face |
| d_1 | 34,7 mm | Shoulder diameter on inner ring wide side face |
| a | 18,6 mm | Distance between the apexes of the pressure cones |
| α | 40 ° | Contact angle |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |

