

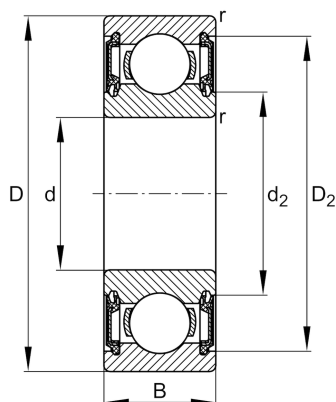
FAG

6203-H-2RSR

Deep groove ball bearing

Schaeffler ID:
0938004440000Deep groove ball bearing 62...H-2RSR,
single row, H-Series, seals, steel sheet
metal cage

Technical information

**Main Dimensions & Performance Data**

| | | |
|----------|--------------|-----------------------------------|
| d | 17 mm | Bore diameter |
| D | 40 mm | Outside diameter |
| B | 12 mm | Width |
| C_r | 9.570 N | Basic dynamic load rating, radial |
| C_{0r} | 4.790 N | Basic static load rating, radial |
| C_{ur} | 295 N | Fatigue load limit, radial |
| n_G | 10.900 1/min | Limiting speed |
| | 0,067 kg | Weight |

Dimensions

| | | |
|-----------|----------|-----------------------------|
| r_{min} | 0,6 mm | Minimum chamfer dimension |
| D_2 | 35,17 mm | Caliber diameter outer ring |
| d_2 | 23,5 mm | Caliber diameter inner ring |

Mounting dimensions

| | | |
|-------------|---------|--------------------------------------|
| $d_{a min}$ | 21,2 mm | Minimum diameter shaft shoulder |
| $D_{a max}$ | 35,8 mm | Maximum diameter of housing shoulder |
| $r_{a max}$ | 0,6 mm | Maximum fillet radius |

Calculation factors

| | | |
|-------|------|--------------------|
| f_0 | 13,2 | Calculation factor |
|-------|------|--------------------|

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -20 °C | Operating temperature min. |
| T_{max} | 100 °C | Operating temperature max. |

