

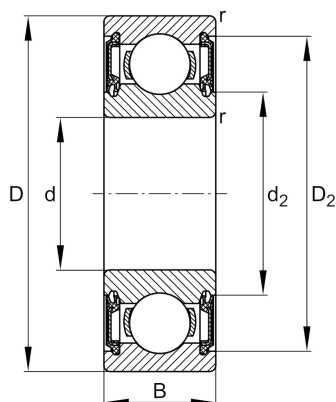
FAG

6302-H-2RSR

Deep groove ball bearing

Schaeffler ID:
0938685880000Deep groove ball bearing 63..-H-2RSR,
single row, H-Series, seals, steel sheet
metal cage

Technical information

**Main Dimensions & Performance Data**

| | | |
|----------|--------------|-----------------------------------|
| d | 15 mm | Bore diameter |
| D | 42 mm | Outside diameter |
| B | 13 mm | Width |
| C_r | 11.450 N | Basic dynamic load rating, radial |
| C_{0r} | 5.430 N | Basic static load rating, radial |
| C_{ur} | 325 N | Fatigue load limit, radial |
| n_G | 11.000 1/min | Limiting speed |
| | 0,09 kg | Weight |

Dimensions

| | | |
|-----------|---------|-----------------------------|
| r_{min} | 1 mm | Minimum chamfer dimension |
| D_2 | 36,6 mm | Caliber diameter outer ring |
| d_2 | 22,7 mm | Caliber diameter inner ring |

Mounting dimensions

| | | |
|-------------|---------|--------------------------------------|
| $d_{a min}$ | 20,6 mm | Minimum diameter shaft shoulder |
| $D_{a max}$ | 36,4 mm | Maximum diameter of housing shoulder |
| $r_{a max}$ | 1 mm | Maximum fillet radius |

Calculation factors

| | | |
|-------|------|--------------------|
| f_0 | 12,3 | Calculation factor |
|-------|------|--------------------|

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -20 °C | Operating temperature min. |
| T_{max} | 110 °C | Operating temperature max. |

