



HK 2020.2RS

- Popular item

Drawn cup needle roller bearings

Bearing data

[Tolerances,](#)

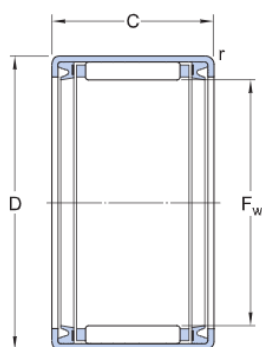
table

Design considerations

[Shaft and housing tolerances,](#)

table

Technical specification



DIMENSIONS

| | | |
|-------|------------|--|
| F_w | 20 mm | Diameter under rollers |
| D | 26 mm | Outside diameter |
| C | 20 mm | Width |
| r | min.0.8 mm | Chamfer dimension drawn cup (outer ring) |

CALCULATION DATA

| | | |
|---------------------------|-------|-------------|
| Basic dynamic load rating | C | 12.3 kN |
| Basic static load rating | C_0 | 20.4 kN |
| Fatigue load limit | P_u | 2.36 kN |
| Limiting speed | | 8 000 r/min |

MASS

| | |
|--------------|----------|
| Mass bearing | 0.023 kg |
|--------------|----------|

ASSOCIATED PRODUCTS

| | |
|----------------------|---------------|
| Inner ring IR series | IR 17x20x20.5 |
| Inner ring LR series | LR 17x20x20.5 |

More information

| Product details | Engineering information | Tools |
|---------------------------------------|---|--|
| Designs and variants | Principles of rolling bearing selection | SimPro Quick |
| Bearing data | General bearing knowledge | Bearing Select |
| Loads | Bearing selection process | Engineering Calculator |
| Temperature limits | Bearing failure and how to prevent it | LubeSelect for SKF greases |
| Permissible speed | | Heater Selection Tool |
| Design considerations | | skf.com/mount |
| Mounting | | |
| Designation system | | |