



HK5528

Drawn cup needle roller bearing open end

Schaeffler ID:
0000514700000

Drawn cup needle roller bearing open end
HK, single row, with cage

Technical information



Main Dimensions & Performance Data

| | | |
|------------------------|-------------|---------------------------------------|
| F_w | 55 mm | Under roller diameter |
| D | 63 mm | Outside diameter |
| C | 28 mm | Width |
| C_r | 44,000 N | Basic dynamic load rating, radial |
| C_{0r} | 103,000 N | Basic static load rating, radial |
| C_{ur} | 14,900 N | Fatigue load limit, radial |
| n_G | 4,850 1/min | Limiting speed |
| $n_{G \text{ Grease}}$ | 2,900 1/min | Limiting speed for grease lubrication |
| n_{gr} | 3,700 1/min | Reference speed |
| | 104.502 g | Weight |

Dimensions

| | | |
|------------|--------|---------------------------|
| C_1 | 28 mm | Width, outer ring |
| r_{\min} | 0.8 mm | Minimum chamfer dimension |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 140 °C | Operating temperature max. |

Additional information

| | | |
|--|-----------|----------------|
| | SD55X63X5 | Sealing ring |
| | G55X63X5 | Sealing ring 2 |