



K45X50X27-B/0-7

Needle roller cage assembly

Schaeffler ID:
0006220366063

Needle roller cage assembly K, single row

Technical information



Main Dimensions & Performance Data

| | | |
|----------|--------------|--|
| F_w | 45 mm | Inner diameter of needle roller complement |
| E_w | 50 mm | Outside diameter of needle roller complement |
| B_c | 27 mm | Width |
| C_r | 34,500 N | Basic dynamic load rating, radial |
| C_{0r} | 80,000 N | Basic static load rating, radial |
| C_{ur} | 11,600 N | Fatigue load limit, radial |
| n_G | 10,300 1/min | Limiting speed |
| n_{gr} | 5,900 1/min | Reference speed |
| | 0,052 kg | Weight |

Temperature range

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