

FAG

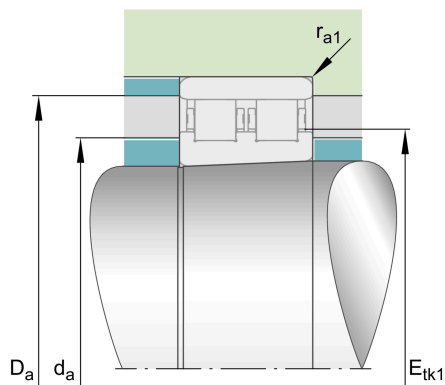
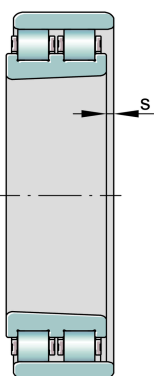
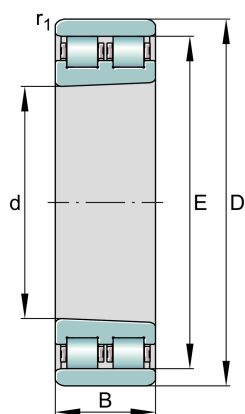
NN3015-D-K-TVP-SP-XL

Cylindrical roller bearing

Schaeffler ID:
0872615960000Super precision cylindrical roller bearings
NN30...-D-K-TVP-SP, Non-locating bearing,
double row, with tapered bore, taper 1:12,
separable, with cage

X-life

Technical information



Main Dimensions & Performance Data

| | | |
|------------------------|--------------|---------------------------------------|
| d | 75 mm | Bore diameter |
| D | 115 mm | Outside diameter |
| B | 30 mm | Width |
| C_r | 112.000 N | Basic dynamic load rating, radial |
| C_{0r} | 146.000 N | Basic static load rating, radial |
| C_{ur} | 21.400 N | Fatigue load limit, radial |
| $n_{G \text{ Grease}}$ | 9.300 1/min | Limiting speed for grease lubrication |
| $n_{G \text{ Oil}}$ | 11.000 1/min | Limiting speed for oil lubrication |
| | 1,005 kg | Weight |

Mounting dimensions

| | | |
|----------------------|----------|----------------------------------------|
| d_a | 87 mm | diameter shaft shoulder |
| | h12 | diameter shaft shoulder tolerance |
| D_a | 107,3 mm | diameter of housing shoulder |
| | H12 | diameter of housing shoulder tolerance |
| $r_{a1 \text{ max}}$ | 1 mm | Maximum recess radius |

Dimensions

| | | |
|---------------------|--------|-----------------------------|
| $r_{1 \text{ min}}$ | 1,1 mm | Minimum chamfer dimension |
| E | 105 mm | Raceway diameter outer ring |
| s | 2,3 mm | Axial displacement |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 120 °C | Operating temperature max. |