

FAG

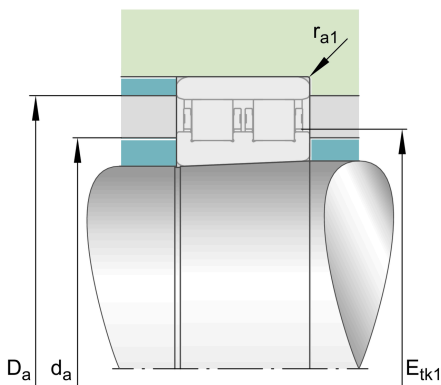
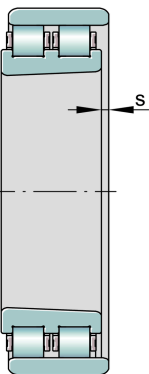
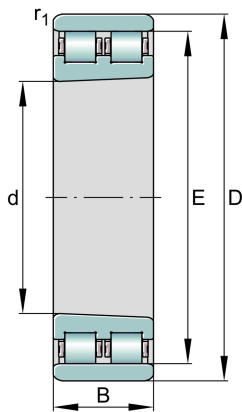
NN3007-D-K-TVP-SP-XL

Cylindrical roller bearing

Schaeffler ID:
0870169230000Super 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	35 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
C_r	40.500 N	Basic dynamic load rating, radial
C_{0r}	41.500 N	Basic static load rating, radial
C_{ur}	6.700 N	Fatigue load limit, radial
$n_{G\text{ Grease}}$	17.800 1/min	Limiting speed for grease lubrication
$n_{G\text{ Oil}}$	20.900 1/min	Limiting speed for oil lubrication
	228 g	Weight

Mounting dimensions

d_a	43 mm	diameter shaft shoulder
	h12	diameter shaft shoulder tolerance
D_a	56,5 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 mm	Minimum chamfer dimension
E	55 mm	Raceway diameter outer ring
s	1,4 mm	Axial displacement

Temperature range

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