

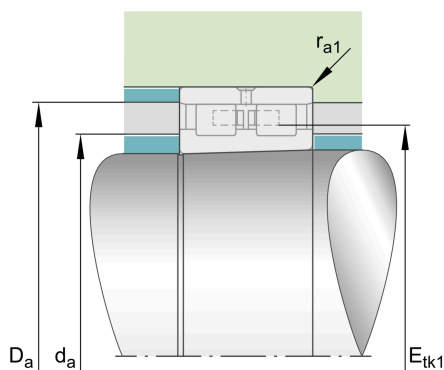
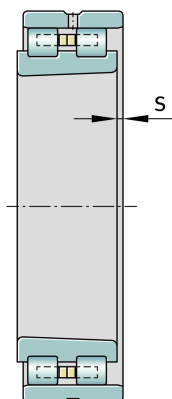
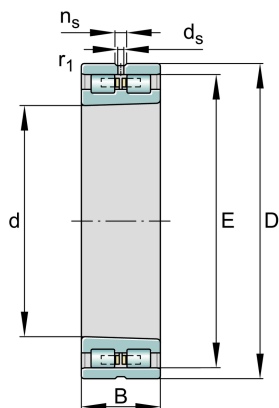
FAG

NN3048-AS-K-M-SP

Cylindrical roller bearing

Schaeffler ID:
0192315980000Super precision cylindrical roller bearings
NN30..-AS-K-M-SP, non-locating bearing,
double row, with tapered bore, taper 1:12,
separable, with cage

Technical information

**Main Dimensions & Performance Data**

d	240 mm	Bore diameter
D	360 mm	Outside diameter
B	92 mm	Width
C_r	840.000 N	Basic dynamic load rating, radial
C_{0r}	1.580.000 N	Basic static load rating, radial
C_{ur}	177.000 N	Fatigue load limit, radial
$n_{G\text{ Grease}}$	2.170 1/min	Limiting speed for grease lubrication
$n_{G\text{ Oil}}$	2.550 1/min	Limiting speed for oil lubrication
	30,8 kg	Weight

Mounting dimensions

d_a	274 mm	diameter shaft shoulder
	h12	diameter shaft shoulder tolerance
D_a	337 mm	diameter of housing shoulder
	H12	diameter of housing shoulder tolerance
$r_{a1\text{ max}}$	2,5 mm	Maximum recess radius

Dimensions

$r_{1\text{ min}}$	3 mm	Minimum chamfer dimension
E	330 mm	Raceway diameter outer ring
n_s	15 mm	Width of lubricating groove
d_s	8 mm	Diameter lubrication hole
s	6,1 mm	Axial displacement

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.