

★ NAO25X40X17-XL

Needle roller bearing

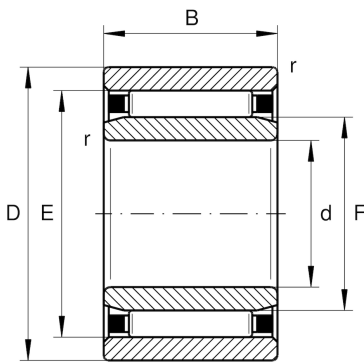
Schaeffler ID:
0507780560000

Needle roller bearings NAO, without ribs

★ Preferred product

X-life

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	84,112 g	Weight

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	40 mm	Outside diameter
B	17 mm	Width
C_r	22.100 N	Basic dynamic load rating, radial
C_{0r}	34.000 N	Basic static load rating, radial
C_{ur}	5.400 N	Fatigue load limit, radial
n_G	15.100 1/min	Limiting speed
n_{gr}	8.100 1/min	Reference speed

Dimensions

F	30 mm	Raceway diameter inner ring
E	35 mm	Raceway diameter outer ring
r_{\min}	0,3 mm	Minimum chamfer dimension
s	0,8 mm	Axial displacement

Mounting dimensions

d_a	29,5 mm	Mounting dimension
D_b	30,6 mm	Shoulder diameter axial guidance NK/housing
d_b	34,4 mm	Shoulder diameter axial guidance NK/shaft
D_a	35,5 mm	Shoulder diameter outer ring
$r_{a \max}$	0,3 mm	Maximum recess radius

