

NAO15X28X13-XL

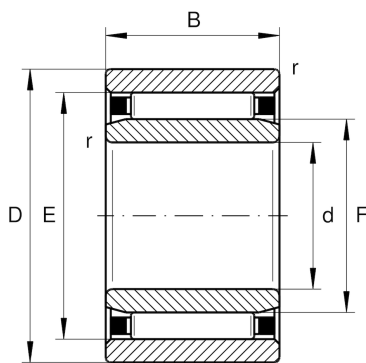
Needle roller bearing

Schaeffler ID:
0507779710000

Needle roller bearings NAO, without ribs

X-life

Technical information



Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	28 mm	Outside diameter
B	13 mm	Width
C_r	11.100 N	Basic dynamic load rating, radial
C_{0r}	14.300 N	Basic static load rating, radial
C_{ur}	2.350 N	Fatigue load limit, radial
n_G	21.300 1/min	Limiting speed
n_{gr}	12.100 1/min	Reference speed
	0,029 kg	Weight

Dimensions

F	20 mm	Raceway diameter inner ring
E	24 mm	Raceway diameter outer ring
r_{min}	0,3 mm	Minimum chamfer dimension
s	0,5 mm	Axial displacement

Mounting dimensions

d_a	19,7 mm	Mounting dimension
D_b	20,4 mm	Shoulder diameter axial guidance NK/housing
d_b	23,6 mm	Shoulder diameter axial guidance NK/shaft
D_a	24,3 mm	Shoulder diameter outer ring
$r_{a max}$	0,3 mm	Maximum recess radius

Temperature range

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

