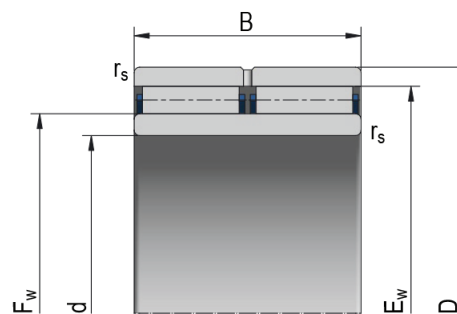


# Needle roller bearings without flanges



NAO



NAO

Bearing Designation

NAO 30x45x13

## Dimensions (mm)

d	30
D	45
B	13,0
F <sub>w</sub>	35,0
E <sub>w</sub>	40
r <sub>s min</sub>	0,30

s	0,80
d <sub>1</sub>	34,50
D <sub>1</sub>	35,60
d <sub>2</sub>	39,40
D <sub>2</sub>	40,50
r <sub>a max</sub>	0,30

## Basic Load Rating (kN)

C	16,20
C <sub>0</sub>	28,00

## Limiting Speed for Lubrication (min<sup>-1</sup>)

Oil	13000
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Weight [g]

77,00