



NAO25X42X32-ZW-ASR1-XL

Needle roller bearing

Schaeffler ID:
0507780720000

Needle roller bearings NAO...ZW-ASR1,
without ribs, double row

X-life

Technical information

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	42 mm	Outside diameter
B	32 mm	Width
C_r	45.000 N	Basic dynamic load rating, radial
C_{0r}	67.000 N	Basic static load rating, radial
C_{ur}	11.300 N	Fatigue load limit, radial
n_G	14.600 1/min	Limiting speed
n_{gr}	7.800 1/min	Reference speed
	0,174 kg	Weight

Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
E	37 mm	Raceway diameter outer ring
F	30 mm	Raceway diameter inner ring
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	36,4 mm	Shoulder diameter axial guidance NK/shaft
D_a	37,5 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.



