

NKIS25-XL

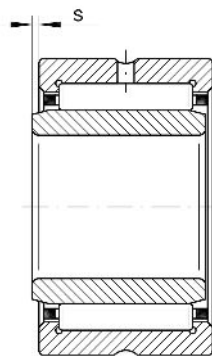
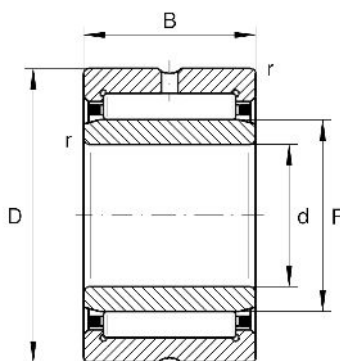
Radial roller bearing

Schaeffler ID:
0507709850000

Needle roller bearings NKIS, heavy series

X-life

Technical information



Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	47 mm	Outside diameter
B	22 mm	Width
C_r	38.000 N	Basic dynamic load rating, radial
C_{0r}	43.500 N	Basic static load rating, radial
C_{ur}	7.600 N	Fatigue load limit, radial
n_G	13.200 1/min	Limiting speed
$n_{G \text{ Grease}}$	7.900 1/min	Limiting speed for grease lubrication
n_{gr}	7.100 1/min	Reference speed
$\approx m$	167,2 g	Weight

Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
F	32 mm	Raceway diameter inner ring
s	1 mm	Axial displacement

Temperature range

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