

RAE20-XL-NPP-NR

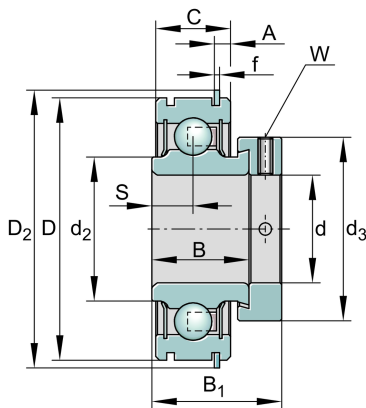
Radial insert ball bearing

Schaeffler ID:
0009731220000

Radial insert ball bearings RAE..-NPP-NR, cylindrical outer ring, location by eccentric locking collar, slots in outer ring, P seals on both sides

X-life

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	47 mm	Outside diameter
B	21,4 mm	Width
B ₁	31 mm	Locking collar total width
C _r	12.800 N	Basic dynamic load rating, radial
C _{0r}	6.600 N	Basic static load rating, radial
C _{ur}	345 N	Fatigue load limit, radial
	0,17 kg	Weight

Dimensions

C	14 mm	Width, outer ring
S	7,5 mm	Distance raceway
d ₂	26,9 mm	Rib diameter sealing inner ring
d ₃	33 mm	Outside diameter locking collar/locknut
A	3,58 mm	Distance snap ring
	0 mm	Upper distance retaining ring tolerance
	-0,25 mm	Lower distance retaining ring tolerance
W	3 mm	Width of flats
D ₂	52,7 mm	Outside diameter snap ring
	0 mm	Upper width snap ring tolerance
	-0,1 mm	Lower width snap ring tolerance

Calculation factors

f ₀	13,1	Calculation factor
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