

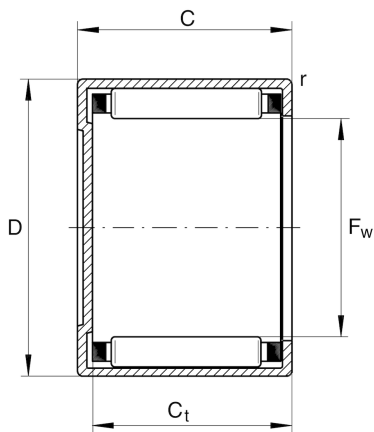
BK1512

Drawn cup needle roller bearing closed end

Schaeffler ID:
0005349940000

Drawn cup needle roller bearings with
closed end BK, to DIN 618/ISO 3245

Technical information



Main Dimensions & Performance Data

F _w	15 mm	Under roller diameter
D	21 mm	Outside diameter
C	12 mm	Width, outer ring
C _r	7.900 N	Basic dynamic load rating, radial
C _{0r}	9.400 N	Basic static load rating, radial
C _{ur}	1.170 N	Fatigue load limit, radial
n _G	16.300 1/min	Limiting speed
n _{G Grease}	9.800 1/min	Limiting speed for grease lubrication
n _{gr}	12.300 1/min	Reference speed
	13 g	Weight

Additional information

r _{min}	0,8 mm	Minimum chamfer dimension
	SD15X21X3	Sealing ring
C _{t min}	9,3 mm	Minimum width to base of drawn cup with closed end
	G15X21X3	Sealing ring 2
	LR12X15X12,5	Suitable inner rings LR
	IR12X15X12-XL	Suitable inner rings IR

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	140 °C	Operating temperature max.