

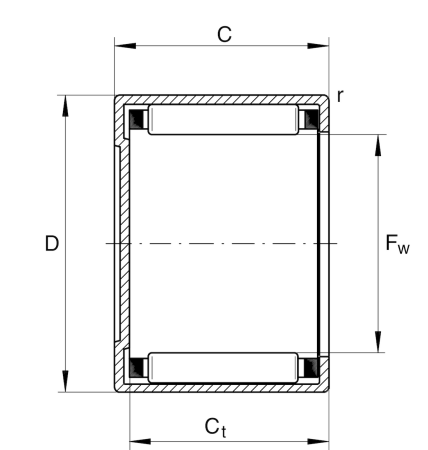
BK1612-A

Drawn cup needle roller bearing closed end

Schaeffler ID:
0001770080000

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

Technical information



Main Dimensions & Performance Data

F_w	16 mm	Under roller diameter
D	22 mm	Outside diameter
C	12 mm	Width, outer ring
C_r	7,600 N	Basic dynamic load rating, radial
C_{0r}	9,700 N	Basic static load rating, radial
C_{ur}	1,180 N	Fatigue load limit, radial
n_G	15,600 1/min	Limiting speed
$n_{G\text{ Grease}}$	9,300 1/min	Limiting speed for grease lubrication
n_{gr}	11,900 1/min	Reference speed
	13.33 g	Weight

Additional information

r_{min}	0.8 mm	Minimum chamfer dimension
	SD16X22X3	Sealing ring
$C_{t\text{ min}}$	9.3 mm	Minimum width to base of drawn cup with closed end
	G16X22X3	Sealing ring 2
	IR12X16X13-XL	Suitable inner rings IR

Temperature range

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