

**BK3012**

Drawn cup needle roller bearing closed end

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

Technical information



Your current product variant

Lubricant	Without
Lubrication hole	Without
Coating	Without
Sealing	Without

Main Dimensions & Performance Data

F_w	30 mm	Under roller diameter
D	37 mm	Outside diameter
C	12 mm	Width, outer ring
C_r	12.100 N	Basic dynamic load rating, radial
C_{0r}	18.200 N	Basic static load rating, radial
C_{ur}	2.440 N	Fatigue load limit, radial
n_G Grease	5.200 1/min	Limiting speed for grease lubrication
n_G	8.600 1/min	Limiting speed
n_{gr}	6.600 1/min	Reference speed
$\approx m$	28 g	Weight

Dimensions

r_{min}	0,8 mm	Minimum chamfer dimension
C_{tmin}	9,3 mm	Minimum width to base of drawn cup with closed end



Temperature range

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

Additional information

SD30X37X4	Sealing ring
G30X37X4	Sealing ring 2
LR25X30X12,5	Suitable inner rings LR

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope