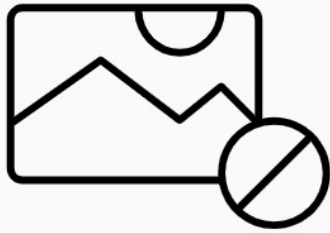


319262 Blindexing roller unit



Indexing roller unit

SKF indexing roller units are based on full complement cylindrical roller bearings. They have been developed for continuous furnaces of sintering and pelletizing plants. These ready-to-mount units are also suitable for heavy load applications where the direction of rotation is frequently reversed, or where rotational speeds are low.

- Non-separable unit
- Very thick walled outer ring for high loads
- Sealed and filled with high-quality SKF grease
- Virtually maintenance-free

Overview

Dimensions

Bore diameter	260 mm
Outside diameter	320 mm
Width	80 mm

Performance

Basic dynamic load rating	142 kN
Basic static load rating	240 kN

Properties

Bearing part	Complete bearing
Number of rows	2
Bore type	Cylindrical
Cage	Without
Number of flanges, outer ring	3
Number of flanges, inner ring	2
Loose flange	None
Radial internal clearance	CN
Tolerance class	Normal
Coating	Without
Sealing type	O-rings
Lubricant	Grease
Relubrication feature	With

Technical Specification



Dimensions

d	260 mm	Bore diameter
D	320 mm	Outside diameter
B	80 mm	Overall bearing width
d_1	≈ 291.78 mm	Shoulder diameter inner ring
D_1	≈ 294.37 mm	Shoulder diameter outer ring
$r_{1,2}$	min. 2 mm	Chamfer dimension inner ring
$r_{3,4}$	min. 2 mm	Chamfer dimension outer ring

Calculation data

Basic dynamic load rating	C	142 kN
Basic static load rating	C_0	240 kN
Fatigue load limit	P_u	22.8 kN
Maximum dynamic radial loads	F_r	max. 96.5 kN
Maximum static radial loads	F_{0r}	max. 137 kN

Mass

Mass roller unit	15 kg
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