

6306-2Z

Popular item
SKF Explorer

Deep groove ball bearings

Bearing data

[Tolerances,](#)

Normal (metric), P6, P5, Normal (inch),

[Radial internal clearance,](#)

Matched bearing pairs, Stainless steel

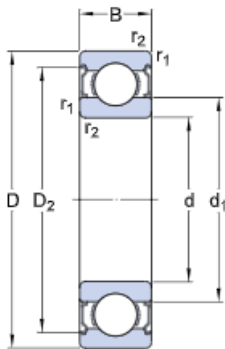
$d < 10$ mm, Other bearings

Bearing interfaces

[Seat tolerances for standard conditions,](#)

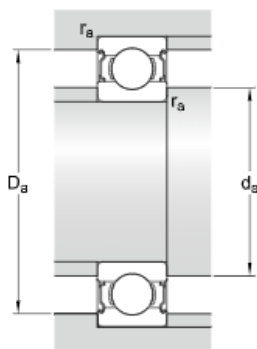
[Tolerances and resultant fits](#)

Technical Specification



DIMENSIONS

d	30 mm
D	72 mm
B	19 mm
d_1	≈ 44.6 mm
D_2	≈ 61.88 mm
$r_{1,2}$	min. 1.1 mm



ABUTMENT DIMENSIONS

d_a	min. 37 mm
d_a	max. 44.5 mm
D_a	max. 65 mm
r_a	max. 1 mm

CALCULATION DATA

Basic dynamic load rating	C	29.6 kN
Basic static load rating	C ₀	16 kN
Fatigue load limit	P _u	0.67 kN
Reference speed		20000 r/min
Limiting speed		11000 r/min
Calculation factor minimum radial load	k _r	0.03
Calculation factor	f ₀	13.1

MASS

Mass bearing		0.36 kg
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