

# 6301-2Z

SKF Explorer

## Dimensions



d	12	mm
D	37	mm
B	12	mm
d <sub>1</sub>	19.51	mm
D <sub>2</sub>	31.48	mm
r <sub>1,2</sub>	min. 1	mm

## Abutment dimensions



d <sub>a</sub>	min. 17.6	mm
d <sub>a</sub>	max. 19.4	mm
D <sub>a</sub>	max. 31.4	mm
r <sub>a</sub>	max. 1	mm

## Calculation data

Basic dynamic load rating	C	10.1	kN
Basic static load rating	C <sub>0</sub>	4.2	kN
Fatigue load limit	P <sub>u</sub>	0.176	kN
Reference speed		45000	r/min
Limiting speed		22000	r/min
Calculation factor	k <sub>r</sub>	0.03	
Calculation factor	f <sub>0</sub>	11	

## Mass

Mass bearing		0.0628	kg
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