

# 609-2Z

SKF Explorer

## Dimensions



d	9	mm
D	24	mm
B	7	mm
d <sub>1</sub>	14.45	mm
D <sub>2</sub>	21.2	mm
r <sub>1,2</sub>	min. 0.3	mm

## Abutment dimensions



d <sub>a</sub>	min. 11	mm
d <sub>a</sub>	max. 14.3	mm
D <sub>a</sub>	max. 22	mm
r <sub>a</sub>	max. 0.3	mm

## Calculation data

Basic dynamic load rating	C	3.9	kN
Basic static load rating	C <sub>0</sub>	1.7	kN
Fatigue load limit	P <sub>u</sub>	0.071	kN
Reference speed		70000	r/min
Limiting speed		34000	r/min
Calculation factor	k <sub>r</sub>	0.025	
Calculation factor	f <sub>0</sub>	13	

## Mass

Mass bearing	0.0153	kg
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