

2208 E-2RS1TN9

Popular item

Self-aligning ball bearings

Bearing data

Tolerances,

Normal, JS7,

Radial internal clearance,

table

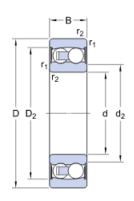
Bearing interfaceS

Seat tolerances for standard

conditions,

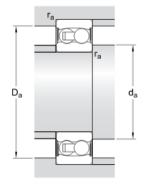
Tolerances and resultant fits

Technical specification



DIMENSIONS

d	40 mm
D	80 mm
В	23 mm
d_2	≈ 49 mm
D ₂	≈ 69.8 mm
r _{1,2}	min. 1.1 mm



ABUTMENT DIMENSIONS

d_a	min. 47 mm
d_a	max. 49 mm
D _a	max. 73 mm
r _a	max. 1.1 mm



CALCULATION DATA

Basic dynamic load rating	С	19.9 kN
Basic static load rating	C_0	6.95 kN
Fatigue load limit	P_{u}	0.36 kN
Limiting speed		5600 r/min
Permissible angular misalignment	α	1.5 °
Calculation factor	k _r	0.045
Calculation factor	е	0.22
Calculation factor	Y_0	2.8
Calculation factor	Y_1	2.9
Calculation factor	Y ₂	4.5

MASS





More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	Bearing Select
Bearing data	General bearing knowledge	SimPro Quick
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing interfaces	LubeSelect for SKF greases
Permissible speed	Seat tolerances for	Heater selection tool
Design considerations	standard conditions	Drive-up Method Program
Mounting	Selecting internal clearance	Oil Injection Method
Designation system	Lubrication	Program Tool and Accessory Selector
	Sealing, mounting and dismounting	for sleeves and shafts
	Bearing failure and how to prevent it	Housing Select
		Rolling bearings mounting and dismounting
		instructions





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