

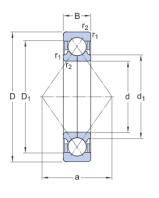
QJ 212 MA

- Popular item - SKF Explorer

# Angular contact ball bearings, four-point contact ball bearings

Bearing data Tolerances, Normal, P6, Internal clearance, table Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

## Technical specification

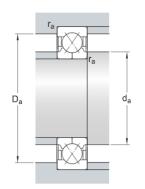


#### DIMENSIONS

d	60 mm	Bore diameter
D	110 mm	Outside diameter
В	22 mm	Width
d1	≈72 mm	Shoulder diameter inner ring
D1	≈93 mm	Shoulder diameter outer ring/ inner diameter housing washer
а	60 mm	Distance pressure point(s)
r1,2	min.1.5 mm	Chamfer dimension inner ring



da	min.69 mm	Abutment diameter shaft
Da	max.101 mm	Abutment diameter housing
ra	max.1.5 mm	Fillet radius



### **5KF**•

#### CALCULATION DATA

Basic dynamic load rating	С	96.5 kN
Basic static load rating	C <sub>0</sub>	93 kN
Fatigue load limit	P <sub>u</sub>	4 kN
Limiting speed		10 000 r/min
Calculation factor	А	0.024
Calculation factor	е	0.95
Calculation factor	Х	0.6
Calculation factor	Y <sub>0</sub>	0.58
Calculation factor	Y <sub>1</sub>	0.66
Calculation factor	Y <sub>2</sub>	1.07

#### MASS

Mass bearing	0.99 kg
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#### More information

Product details

Designs and variants

Bearing data

Loads

Temperature limits

Permissible speed

Design considerations

Designation system

Engineering information

General bearing knowledge

Bearing selection process

Bearing interfaces

Seat tolerances for standard conditions

Selecting internal clearance or preload

Lubrication

External sealing, mounting and dismounting

Bearing failure and how to prevent it

Tools

Bearing Select

SimPro Quick

Engineering Calculator

LubeSelect for SKF greases

Heater selection tool

Rolling bearings mounting and dismounting instructions



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