



QJ 205 MA Angular contact ball bearings, four-point contact ball bearings

- SKF Explorer

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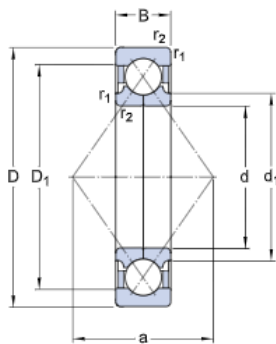
Bearing data

[Tolerances](#),
Normal, P6,
[Internal clearance](#),
table

Bearing interfaces

[Seat tolerances for standard conditions](#),
[Tolerances and resultant fit](#)

Technical specification

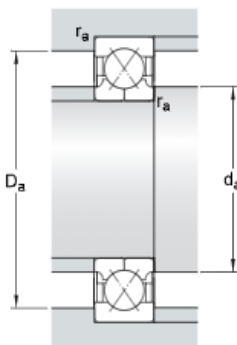


DIMENSIONS

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
d ₁	≈ 31.5 mm	Shoulder diameter inner ring
D ₁	≈ 43 mm	Shoulder diameter outer ring/ inner diameter housing washer
a	27 mm	Distance pressure point(s)
r _{1,2}	min. 1 mm	Chamfer dimension inner ring

ABUTMENT DIMENSIONS

d _a	min. 30.6 mm	Abutment diameter shaft
D _i	max. 46.4 mm	Abutment diameter housing
r _a	max. 1 mm	Fillet radius



CALCULATION DATA

C	27 kN	Basic dynamic load rating
C ₀	21.2 kN	Basic static load rating
P _u	0.9 kN	Fatigue load limit
	22 000 r/min	Limiting speed
A	0.001	Calculation factor
e	0.95	Calculation factor
X	0.6	Calculation factor
Y ₀	0.58	Calculation factor
Y ₁	0.66	Calculation factor
Y ₂	1.07	Calculation factor

MASS

	0.16 kg	Mass bearing
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