



QJ 206 MA Angular contact ball bearings, four-point contact ball bearings

– Product team

– SKF Explorer

Angular contact ball bearings, four-point contact ball bearings

Bearing data

[Tolerances](#),

Normal, P6,

[Internal clearance](#),

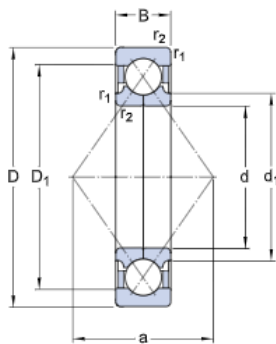
table

Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fit](#)

Technical specification

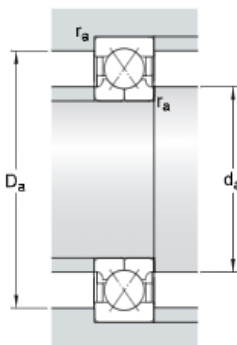


DIMENSIONS

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
d ₁	≈ 37.5 mm	Shoulder diameter inner ring
D ₁	≈ 50.8 mm	Shoulder diameter outer ring/ inner diameter housing washer
a	32 mm	Distance pressure point(s)
r _{1,2}	min. 1 mm	Chamfer dimension inner ring

ABUTMENT DIMENSIONS

d _a min. 35.6 mm	Abutment diameter shaft
D _i max. 56.4 mm	Abutment diameter housing
r _a max. 1 mm	Fillet radius



CALCULATION DATA

C	37.5 kN	Basic dynamic load rating
C ₀	30.5 kN	Basic static load rating
P _u	1.29 kN	Fatigue load limit
	19 000 r/min	Limiting speed
A	0.003	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

	0.24 kg	Mass bearing
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