



QJ 202 N2MA Angular contact ball bearings, four-point contact ball bearings

Angular contact ball bearings, four-point contact ball bearings

Bearing data

[Tolerances](#),

Normal, P6,

[Internal clearance](#),

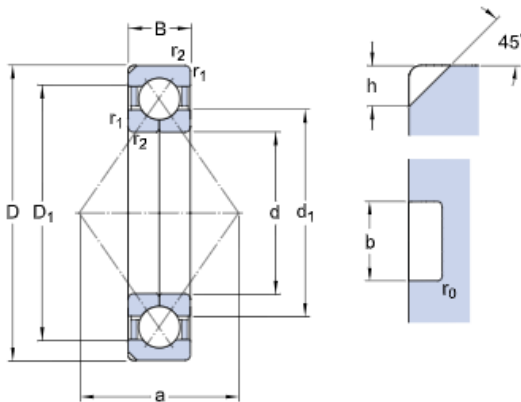
table

Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fit](#)

Technical specification

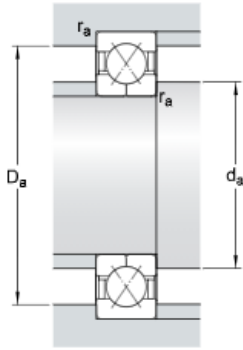


DIMENSIONS

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
d ₁	≈ 22 mm	Shoulder diameter inner ring
D ₁	≈ 28.1 mm	Shoulder diameter outer ring/ inner diameter housing washer
a	18 mm	Distance pressure point(s)
h	2.2 mm	Locating slot depth outer ring
b	3 mm	Locating slot width outer ring
r ₀	0.5 mm	Corner radius locating slot
r _{1,2}	min. 0.6 mm	Chamfer dimension inner ring

ABUTMENT DIMENSIONS

d _a	min. 19.2 mm	Abutment diameter shaft
D _i	max. 30.8 mm	Abutment diameter housing
r _a	max. 0.6 mm	Fillet radius



CALCULATION DATA

C	12.7 kN	Basic dynamic load rating
C_0	8.3 kN	Basic static load rating
P_u	0.355 kN	Fatigue load limit
	36 000 r/min	Limiting speed
A	0	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

	0.062 kg	Mass bearing
--	----------	--------------