



QJ 1264 N2MA Angular contact ball bearings, four-point contact ball bearings

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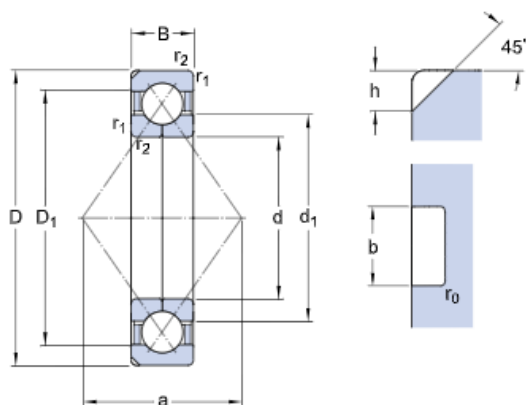
Bearing data

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

Bearing interfaces

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

Technical specification

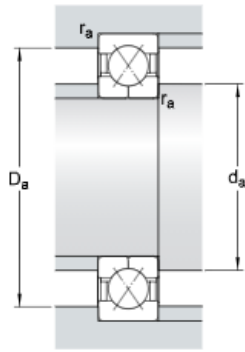


DIMENSIONS

d	320 mm	Bore diameter
D	580 mm	Outside diameter
B	105 mm	Width
d ₁	≈ 421 mm	Shoulder diameter inner ring
D ₁	≈ 479 mm	Shoulder diameter outer ring/ inner diameter housing washer
a	450 mm	Distance pressure point(s)
h	15.5 mm	Locating slot depth outer ring
b	20 mm	Locating slot width outer ring
r ₀	3 mm	Corner radius locating slot
r _{1,2}	min. 5 mm	Chamfer dimension inner ring

ABUTMENT DIMENSIONS

d _a min. 342 mm	Abutment diameter shaft
D _c max. 558 mm	Abutment diameter housing
r _a max. 4 mm	Fillet radius



CALCULATION DATA

C	956 kN	Basic dynamic load rating
C ₀	2 080 kN	Basic static load rating
P _u	41.5 kN	Fatigue load limit
	1 700 r/min	Limiting speed
A	25.8	Calculation factor
e	1.34	Calculation factor
X	0.54	Calculation factor
Y ₀	0.44	Calculation factor
Y ₁	0.47	Calculation factor
Y ₂	0.81	Calculation factor

MASS

130 kg	Mass bearing
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