



3201 A-2ZTN9/MT33 Angular contact ball bearings, double row

- Popular item

Angular contact ball bearings, double row

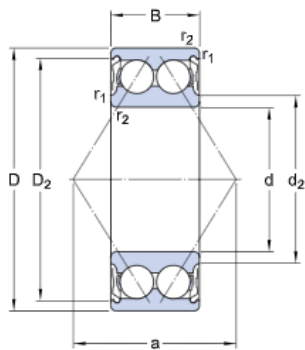
Bearing data

[Tolerances](#),
Normal, P6, P5,
[Internal clearance](#),
table, drawing no

Bearing interfaces

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

Technical specification

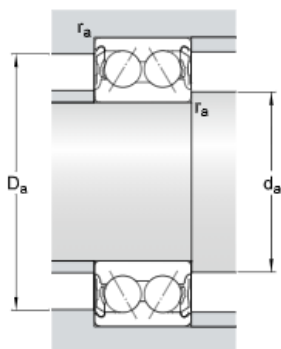


DIMENSIONS

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	15.9 mm	Width
d ₂	≈ 17.2 mm	Recess diameter inner ring shoulder
D ₂	≈ 27.7 mm	Recess diameter outer ring shoulder
r _{1,2}	min. 0.6 mm	Chamfer dimension inner ring
a	19 mm	Distance pressure point(s)

ABUTMENT DIMENSIONS

d _a	min. 16.4 mm	Abutment diameter shaft
d _a	max. 17 mm	Abutment diameter shaft
D _i	max. 27.6 mm	Abutment diameter housing
r _a	max. 0.6 mm	Fillet radius



CALCULATION DATA

C	10.1 kN	Basic dynamic load rating
C ₀	5.6 kN	Basic static load rating
P _u	0.24 kN	Fatigue load limit
	24 000 r/min	Reference speed
	22 000 r/min	Limiting speed
k _r	0.06	Calculation factor
e	0.8	Calculation factor
X	0.63	Calculation factor
Y ₀	0.66	Calculation factor
Y ₁	0.78	Calculation factor
Y ₂	1.24	Calculation factor

MASS

0.058 kg	Mass bearing
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