



## 3207 A-2RS1TN9/MT33

### Angular contact ball bearings, double row

3D Model Viewer

- SKF Explorer

### Angular contact ball bearings, double row

#### Bearing data

[Tolerances](#),

Normal, P6, P5,

[Internal clearance](#),

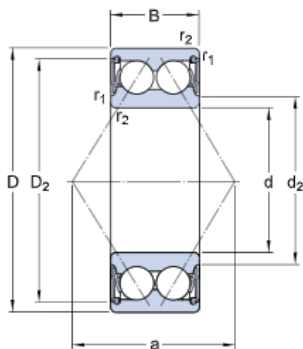
table, drawing no

#### Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fit](#)

## Technical specification

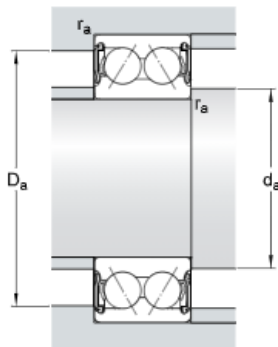


### DIMENSIONS

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
$d_2$	$\approx 45.4$ mm	Recess diameter inner ring shoulder
$D_2$	$\approx 63.85$ mm	Recess diameter outer ring shoulder
$r_{1,2}$	min. 1.1 mm	Chamfer dimension inner ring
a	42 mm	Distance pressure point(s)

### ABUTMENT DIMENSIONS

$d_a$	min. 42 mm	Abutment diameter shaft
$d_a$	max. 45 mm	Abutment diameter shaft
$D_c$	max. 65 mm	Abutment diameter housing
$r_a$	max. 1 mm	Fillet radius



## CALCULATION DATA

C	40.5 kN	Basic dynamic load rating
C <sub>0</sub>	30 kN	Basic static load rating
P <sub>u</sub>	1.27 kN	Fatigue load limit
	6 300 r/min	Limiting speed
k <sub>r</sub>	0.06	Calculation factor
e	0.8	Calculation factor
X	0.63	Calculation factor
Y <sub>0</sub>	0.66	Calculation factor
Y <sub>1</sub>	0.78	Calculation factor
Y <sub>2</sub>	1.24	Calculation factor

## MASS

	0.44 kg	Mass bearing
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