3206 A-2Z Angular contact ball bearings, double row

- Popular item
- SKF Explorer

Angular contact ball bearings, double row

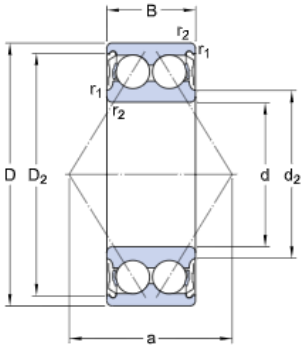
Bearing data

Tolerances,
Normal, P6, P5,
Internal clearance,
table, drawing no

Bearing interfaces

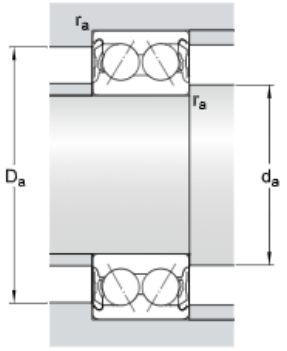
Seat tolerances for standard conditions,
Tolerances and resultant fit

Technical specification



DIMENSIONS

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	23.8 mm	Width
d_2	≈ 38.7 mm	Recess diameter inner ring shoulder
D_2	≈ 55.15 mm	Recess diameter outer ring shoulder
$r_{1,2}$	min. 1 mm	Chamfer dimension inner ring
a	36 mm	Distance pressure point(s)



ABUTMENT DIMENSIONS

d_a	min. 35.6 mm	Abutment diameter shaft
d_a	max. 38.5 mm	Abutment diameter shaft
D_a	max. 56.4 mm	Abutment diameter housing
r_a	max. 1 mm	Fillet radius

CALCULATION DATA

C	30.5 kN	Basic dynamic load rating
C_0	22 kN	Basic static load rating
P_u	0.93 kN	Fatigue load limit
	10 000 r/min	Reference speed
	10 000 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

	0.29 kg	Mass bearing