



2206 E-2RS1TN9 Self-aligning ball bearings

- Popular item

Self-aligning ball bearings

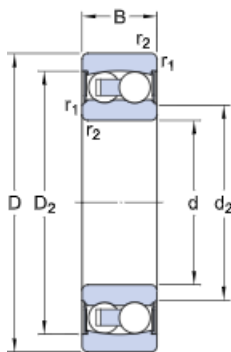
Bearing data

Tolerances,
Normal, JS7,
Radial internal clearance,
table

Bearing interfaceS

Seat tolerances for standard
conditions,
Tolerances and resultant fits

Technical specification

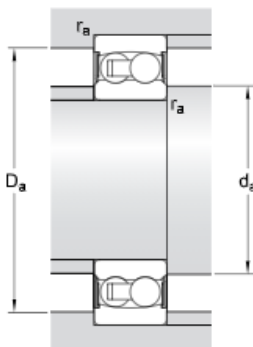


DIMENSIONS

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
d ₂	≈ 36.7 mm	Recess diameter inner ring
D ₂	≈ 54.06 mm	Recess diameter outer ring
r _{1,2}	min. 1 mm	Chamfer dimension

ABUTMENT DIMENSIONS

d _a min.	35.6 mm	Abutment diameter shaft
d _a max.	36.5 mm	Abutment diameter shaft
D _i max.	56.4 mm	Abutment diameter housing
r _a max.	1 mm	Fillet radius



CALCULATION DATA

C	15.6 kN	Basic dynamic load rating
C ₀	4.65 kN	Basic static load rating
P _u	0.24 kN	Fatigue load limit
	7 500 r/min	Limiting speed
α	1.5 °	Permissible angular misalignment
k _r	0.045	Calculation factor
e	0.25	Calculation factor
Y ₀	2.5	Calculation factor
Y ₁	2.5	Calculation factor
Y ₂	3.9	Calculation factor

MASS

	0.26 kg	Mass bearing
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