



22206 E

- Popular item
- SKF Explorer

Spherical roller bearings

Bearing data

Tolerances,

Normal, P6, P5, tapered bore 1:12,
tapered bore 1:30,

Radial internal clearance,

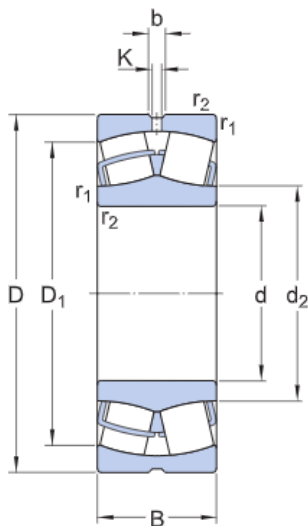
cylindrical bore, tapered bore

Bearing interfaces

Seat tolerances for standard
conditions,

Tolerances and resultant fit

Technical specification

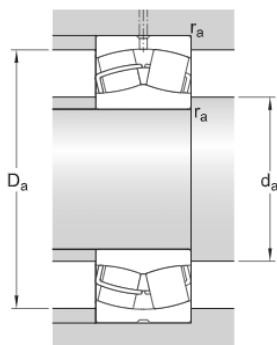


DIMENSIONS

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
d2	≈37.6 mm	Shoulder diameter of inner ring
D1	≈53 mm	Shoulder/recess diameter of outer ring
b	3.7 mm	Width of lubrication groove
K	2 mm	Diameter of lubrication hole
r1,2	min.1 mm	Chamfer dimension

ABUTMENT DIMENSIONS

da	min.35.6 mm	Diameter of shaft abutment
Da	max.56.4 mm	Diameter of housing abutment
ra	max.1 mm	Radius of fillet



CALCULATION DATA

Basic dynamic load rating	C	66.1 kN
Basic static load rating	C ₀	60 kN
Fatigue load limit	P _u	6.4 kN
Reference speed		10 000 r/min
Limiting speed		14 000 r/min
Limiting value	e	0.31
Axial load factor	Y ₁	2.2
Axial load factor	Y ₂	3.3
Axial load factor	Y ₀	2.2

MASS

Mass		0.28 kg
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