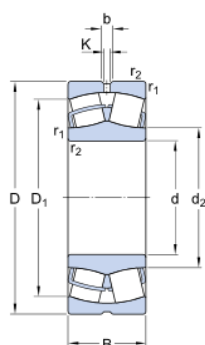




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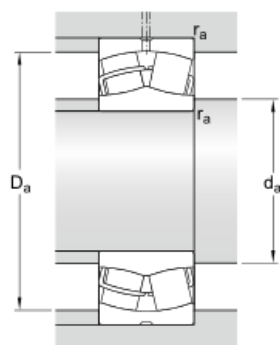
Spherical roller bearings

Technical Specification



DIMENSIONS

d	100mm
D	180mm
B	60.3mm
d ₂	"H117mm
D ₁	"H153mm
b	8.3mm
K	4.5mm
r _{1,2}	min.2.1mm



ABUTMENT DIMENSIONS

d _a	min.112mm
D _a	max.168mm
r _a	max.2mm

CALCULATION DATA

Basic dynamic load rating	498kN
Basic static load rating	600kN
Fatigue load limit	63kN
Reference speed	2400r/min
Limiting speed	3400r/min
Calculation factor	0.33
Calculation factor	2
Calculation factor	3
Calculation factor	2

MASS

Mass bearing	6.85kg
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More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	SimPro Quick
Bearing data	General bearing knowledge	Bearing Select
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing failure and how to prevent it	Housing Select
Permissible speed		LubeSelect for SKF greases
Design considerations		Drive-up Method Program
Mounting		Heater selection tool
Designation system		Oil Injection Method Program
		Rolling bearings mounting and dismounting instructions
		Tool and Accessory Selector for sleeves and shafts

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