



YSP 212-207 SB-2F

Insert bearings

Bearing data

[Tolerances](#),

table 1, table 2,

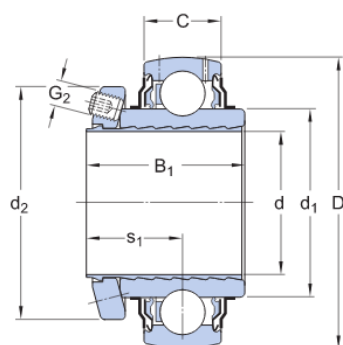
[Radial internal clearance](#),

Standard inner ring, Other bearings

Design considerations

[Shaft tolerances](#)

Technical specification



DIMENSIONS

d	61.913 mm	Bore diameter of sleeve
D	110 mm	Outside diameter
B ₁	51.7 mm	Overall bearing width
C	26 mm	Width of outer ring
d ₁	≈ 75.64 mm	Outside diameter of inner ring
d ₂	87.6 mm	Outside diameter of locking collar
s ₁	30.5 mm	Distance from locking device side face to bearing centre

Values specified for B₁₁

CALCULATION DATA

Basic dynamic load rating	C	52.7 kN
Basic static load rating	C ₀	36 kN
Fatigue load limit	P _u	1.53 kN
Limiting speed ¹⁾		3 400 r/min
Calculation factor	f ₀	14

MASS

Mass	1.2 kg
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MOUNTING INFORMATION

Set screw	G ₂	M6
Hexagonal key size for set screw	N	3.05 mm
Recommended tightening torque for set screw		7.4 Nm

More information

Product details

[Designs and variants](#)[Lubrication](#)[Bearing data](#)[Loads](#)[Temperature limits](#)[Permissible speed](#)[Design considerations](#)[Mounting and dismounting](#)[Designation system](#)

Engineering information

[Principles of rolling bearing selection](#)[General bearing knowledge](#)[Bearing selection process](#)[Bearing failure and how to prevent it](#)

Tools

[Bearing Select](#)[Engineering Calculator](#)[SimPro Quick](#)[Heater selection tool](#)

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