

YAR 205-2LPW/SS Insert

bearings

Popular item

Insert bearings

Bearing data

[Tolerances](#),

table 1, table 2,

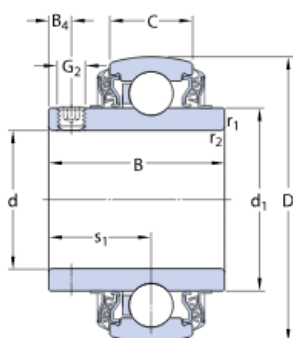
[Radial internal clearance](#),

Standard inner ring, Other bearings

Design considerations

[Shaft tolerances](#)

Technical specification



DIMENSIONS

d	25 mm
D	52 mm
B	34.1 mm
C	15 mm
d ₁	≈ 33.74 mm
B ₄	5 mm
r _{1,2}	min. 0.6 mm
s ₁	19.8 mm

CALCULATION DATA

Basic dynamic load rating	C	11.9 kN
Basic static load rating	C ₀	7.8 kN
Fatigue load limit	P _u	0.335 kN
Limiting speed ¹⁾		4 300 r/min
Calculation factor	f ₀	14

MASS

Mass bearing	0.19 kg
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MOUNTING INFORMATION

Set screw	G ₂	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m

ASSOCIATED PRODUCTS

Rubber seating ring		RIS 205
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More information

Product details	Product details	Engineering information	Engineering information	Tools	Tools
Designs and variants	Designs and variants	Principles of rolling bearing selection	Principles of rolling bearing selection	Bearing Select	Bearing Select
Lubrication	Lubrication	General bearing knowledge	General bearing knowledge	Engineering Calculator	Engineering Calculator
Bearing data	Bearing data			SimPro Quick	SimPro Quick
Loads	Loads	Bearing selection process	Bearing selection process	Heater selection tool	Heater selection tool
Temperature limits	Temperature limits	Bearing failure and how to prevent it	Bearing failure and how to prevent it		
Permissible speed	Permissible speed				
Design considerations	Design considerations				
Mounting and dismounting	Mounting and dismounting				
Designation system	Designation system				

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