

YAR 203/15-2F

- Popular item

Insert bearings

Bearing data

Tolerances,

table 1, table 2,

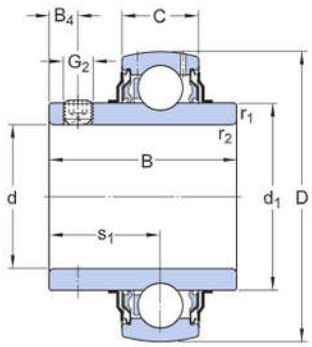
Radial internal clearance,

Standard inner ring, Other bearings

Design considerations

Shaft tolerances

Technical specification



DIMENSIONS

d	15 mm	Bore diameter
D	40 mm	Outside diameter
B	27.4 mm	Width inner ring
C	12 mm	Width outer ring
d1	≈24.2 mm	Outer diameter inner ring
B_4	4 mm	Distance from locking device side face to thread centre
r1,2	min.0.3 mm	Chamfer dimension
s_1	15.9 mm	Distance from locking device side face to raceway centre

CALCULATION DATA

Basic dynamic load rating	C	9.56 kN
Basic static load rating	C_0	4.75 kN
Fatigue load limit	P_u	0.2 kN
Limiting speed1)		9 500 r/min
Calculation factor	f_0	13

MASS

Mass bearing	0.11 kg

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 203

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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