

YET 212

Popular item

Insert bearings

Bearing data

Tolerances,

table 1, table 2,

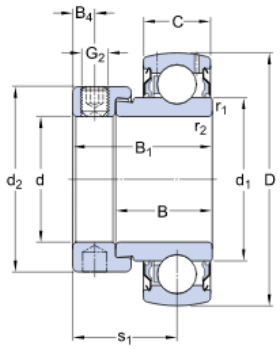
Radial internal clearance,

Standard inner ring, Other bearings

Design considerations

Shaft tolerances

Technical specification



DIMENSIONS

d	60 mm
D	110 mm
B_1	52.6 mm
B	36.7 mm
C	26 mm
d_1	≈ 75.64 mm
d_2	82 mm
B_4	7.95 mm
$r_{1,2}$	min. 1.5 mm
s_1	39.6 mm

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 speed1)		3400 r/min
Calculation factor	f_0	14

MASS

Mass bearing	1.35 kg

MOUNTING INFORMATION

Thread grub screw	G_2	M10x1
Hexagonal key size for grub screw	N	5 mm
Recommended tightening torque for grub screw		16.5 N·m

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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