

YET 206-103



Insert bearings are based on sealed deep groove ball bearings. This variant is intended for use in applications where the direction of rotation is constant. It has a narrow inner ring extended on one side, with an eccentric locking collar, enabling quick and easy mounting onto the shaft.

- Designed for rotation in one direction
- Quick and easy to mount onto the shaft
- Long service life
- Reduce noise and vibration levels



Dimensions		
d	30.163 mm	Bore diameter
D	62 mm	Outside diameter
B ₁	35.7 mm	Overall bearing width
B	23.8 mm	Width of inner ring
C	18 mm	Width of outer ring
d ₁	≈ 39.7 mm	Outside diameter of inner ring
d ₂	44.1 mm	Outside diameter of locking collar
B ₄	5.95 mm	Distance from side face to thread centre
r _{1,2}	min. 0.6 mm	Chamfer dimension of inner ring
s ₁	26.7 mm	Distance from locking device side face to raceway centre

Calculation data

Basic dynamic load rating	C	19.5 kN
Basic static load rating	C ₀	11.2 kN
Fatigue load limit	P _u	0.475 kN

Limiting speed	6 300 r/min
----------------	-------------

Limiting speed with shaft
tolerance h6

Calculation factor	f_0	14
--------------------	-------	----

Mounting information

Set screw	G ₂	5/16-24 UNF
-----------	----------------	-------------

Hexagonal key size for set screw	N	3.969 mm
----------------------------------	---	----------

Recommended tightening torque for set screw	6.5 N·m
---	---------

Associated products

Rubber seating ring	RIS 206 A
---------------------	-----------

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table 1, table 2
- Radial internal clearance: Standard inner ring, Other bearings

BEARING INTERFACES

- Shaft tolerances