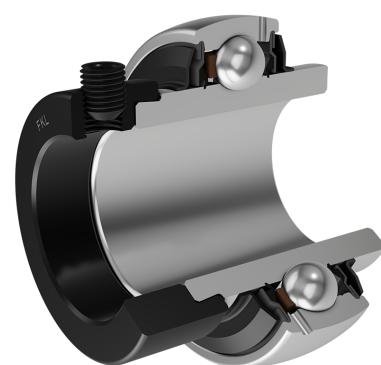


# Y-Ball Bearings With Eccentric Locking Collar

## LY 312-203 2F

Y-Ball Bearings With Eccentric Locking Collar



### Technical Specification

d	Bore diameter	55.562 mm
D	Outside diameter	130 mm
B	Width inner ring	52 mm
C	Width outer ring	33 mm
s	Distance from inner ring side face to raceway centre	23 mm
d1	Outer diameter inner ring	81.7 mm
E	Distance from raceway centre to the hole for lubrication	9 mm
Gs	Set screw	3/8-24 UNF inch
sw	Hexagonal key size for set screw	4.763 mm
sw	Hexagonal key size for set screw	3/16 inch
r1,2	Inner ring Chamfer dimension	2.1 mm
r3,4	Outside ring Chamfer dimension	2.1 mm
B1	Width inner ring with locking collar	68.4 mm
d2	Locking collar outside diameter	89 mm
B2	Width locking collar	23 mm
kg	Mass	2.95 kg
Cdyn	Dynamic load rating	81 kN
Co	Static load rating	52 kN
Pu	Fatigue load limit	2.2 kN

## Sealing

### F SEAL / F SEAL (2F)

Dual sealing, protection cover placed on the inner ring protects against rough impurity particles and makes the labyrinth with the sheet part of the seal; then the sealing S type,

with the labyrinth between the sheet part and the rubber lip that conducts the contact sealing. The friction and speeds are the same as with S but has much better protection

against rough impurity particles. It is very good sealing system: the sheet part protects the seal from the soil, dust and

rough particles. At the same time makes the labyrinth with the rubber part. The rubber part provides the contact sealing that prevents the penetration of the finer impurities, water, moisture, steam etc. Suitable for heavier conditions due to better protection against foreign matters. It is used with the Y bearings (standard).

