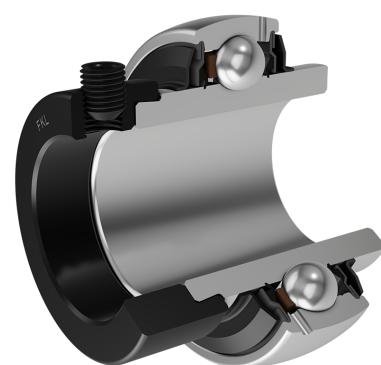


Y-Ball Bearings With Eccentric Locking Collar

LY 205-100 2F

Y-Ball Bearings With Eccentric Locking Collar



Technical Specification

d	Bore diameter	25.4 mm
D	Outside diameter	52 mm
B	Width inner ring	34.9 mm
C	Width outer ring	15 mm
s	Distance from inner ring side face to raceway centre	17.5 mm
d1	Outer diameter inner ring	33.6 mm
E	Distance from raceway centre to the hole for lubrication	4.3 mm
Gs	Set screw	1/4-28 UNF inch
sw	Hexagonal key size for set screw	3.175 mm
sw	Hexagonal key size for set screw	1/8 inch
r1,2	Inner ring Chamfer dimension	0.6 mm
r3,4	Outside ring Chamfer dimension	0.6 mm
B1	Width inner ring with locking collar	44.4 mm
d2	Locking collar outside diameter	37.4 mm
B2	Width locking collar	13.5 mm
kg	Mass	0.23 kg
Cdyn	Dynamic load rating	14 kN
Co	Static load rating	7.8 kN
Pu	Fatigue load limit	0.34 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).

