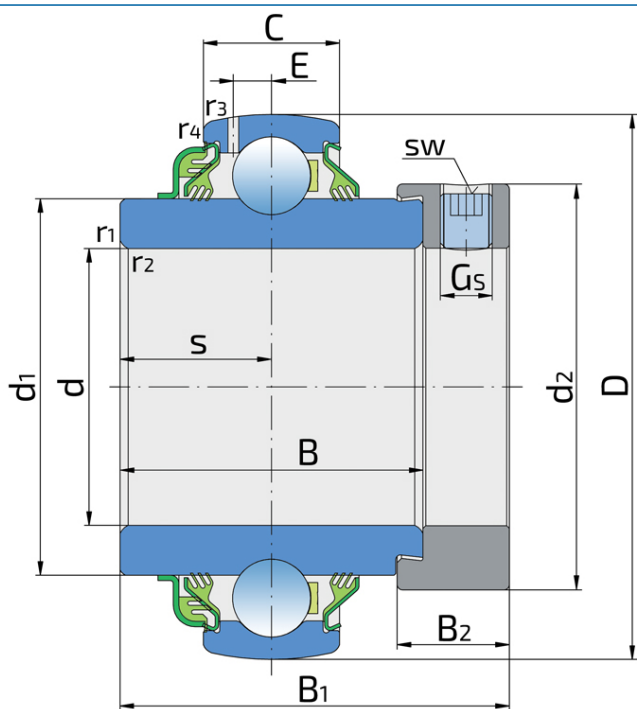


# Y-Ball Bearings With Eccentric Locking Collar

## LY 211-200 TDT

Y-Ball Bearings With Eccentric Locking Collar



### Technical Specification

d	Bore diameter	50.8 mm
D	Outside diameter	100 mm
B	Width inner ring	55.6 mm
C	Width outer ring	25 mm
s	Distance from inner ring side face to raceway centre	27.8 mm
d1	Outer diameter inner ring	69.06 mm
E	Distance from raceway centre to the hole for lubrication	7 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	1 mm
r3,4	Outside ring Chamfer dimension	1.5 mm
B1	Width inner ring with locking collar	71.45 mm
d2	Locking collar outside diameter	74.5 mm
B2	Width locking collar	20.6 mm
kg	Mass	1.5 kg
Cdyn	Dynamic load rating	43.6 kN
Co	Static load rating	29 kN
Pu	Fatigue load limit	1.22 kN

## Sealing

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### DOUBLE T SEAL / T SEAL

3-lip seal on the base side and double 3-lip seal on the front side which is exposed to contaminants.

The double 3-lip seal on the front side protects the bearing from contaminant penetration. Also, the outer seal with 3 lips, with additional sealing, protects the inner seal from mechanical damage.

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