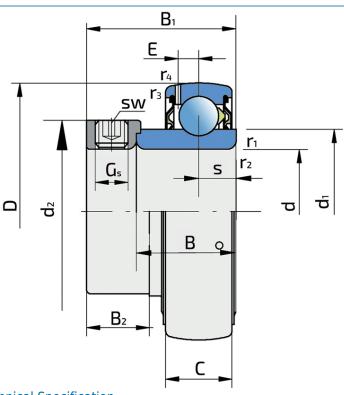


Y-Ball Bearings With Eccentric Locking Collar

UY 203-010 2S

Y-Ball Bearings With Eccentric Locking Collar







Technical Specification

DOutside diameter40 mmBWidth inner ring19.1 mmCWidth outer ring12 mmsDistance from inner ring side face to raceway centre6.2 mmd1Outer diameter inner ring24.2 mmEDistance from raceway centre to the hole for lubrication3.6 mmGsSet screw1/4-28 UNF incswHexagonal key size for set screw3.175 mmr1,2Inner ring Chamfer dimension0.3 mmr3,4Outside ring Chamfer dimension0.6 mmB1Width inner ring with locking collar28.6 mmd2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating9.56 kNPuFatigue load limit0.2 kN	d	Bore diameter	15.875 mm
BWidth inner ring19.1 mmCWidth outer ring12 mmsDistance from inner ring side face to raceway centre6.2 mmd1Outer diameter inner ring24.2 mmEDistance from raceway centre to the hole for lubrication3.6 mmGsSet screw1/4-28 UNF incswHexagonal key size for set screw3.175 mmr1,2Inner ring Chamfer dimension0.3 mmr3,4Outside ring Chamfer dimension0.6 mmB1Width inner ring with locking collar28.6 mmd2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	d	Bore diameter	5/8 inch
C Width outer ring side face to raceway centre 6.2 mm d1 Outer diameter inner ring 24.2 mm E Distance from raceway centre to the hole for lubrication 3.6 mm GS Set screw 1/4-28 UNF inc sw Hexagonal key size for set screw 3.175 mm r1,2 Inner ring Chamfer dimension 0.3 mm r3,4 Outside ring Chamfer dimension 0.6 mm B1 Width inner ring with locking collar 28.6 mm d2 Locking collar outside diameter 28.6 mm B2 Width locking collar 13.5 mm Cdyn Dynamic load rating 9.56 kN Co Static load rating 4.75 kN Pu Fatigue load limit 0.2 kN	D	Outside diameter	40 mm
sDistance from inner ring side face to raceway centre6.2 mmd1Outer diameter inner ring24.2 mmEDistance from raceway centre to the hole for lubrication3.6 mmGsSet screw1/4-28 UNF incswHexagonal key size for set screw3.175 mmr1,2Inner ring Chamfer dimension0.3 mmr3,4Outside ring Chamfer dimension0.6 mmB1Width inner ring with locking collar28.6 mmd2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating9.56 kNPuFatigue load limit0.2 kN	В	Width inner ring	19.1 mm
d1Outer diameter inner ring24.2 mmEDistance from raceway centre to the hole for lubrication3.6 mmGsSet screw1/4-28 UNF incswHexagonal key size for set screw3.175 mmr1,2Inner ring Chamfer dimension0.3 mmr3,4Outside ring Chamfer dimension0.6 mmB1Width inner ring with locking collar28.6 mmd2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	С	Width outer ring	12 mm
E Distance from raceway centre to the hole for lubrication Gs Set screw 1/4-28 UNF income swap Hexagonal key size for set screw 3.175 mm r1,2 Inner ring Chamfer dimension 0.3 mm r3,4 Outside ring Chamfer dimension 0.6 mm B1 Width inner ring with locking collar 28.6 mm d2 Locking collar outside diameter 28.6 mm d2 Width locking collar 0.5 mm Cdyn Dynamic load rating 9.56 kN Co Static load rating 9.56 kN Pu Fatigue load limit 0.2 kN	S	Distance from inner ring side face to raceway centre	6.2 mm
GsSet screw1/4-28 UNF inc.swHexagonal key size for set screw3.175 mmr1,2Inner ring Chamfer dimension0.3 mmr3,4Outside ring Chamfer dimension0.6 mmB1Width inner ring with locking collar28.6 mmd2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	d1	Outer diameter inner ring	24.2 mm
swHexagonal key size for set screw3.175 mmr1,2Inner ring Chamfer dimension0.3 mmr3,4Outside ring Chamfer dimension0.6 mmB1Width inner ring with locking collar28.6 mmd2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	Е	Distance from raceway centre to the hole for lubrication	3.6 mm
r1,2 Inner ring Chamfer dimension 0.3 mm r3,4 Outside ring Chamfer dimension 0.6 mm B1 Width inner ring with locking collar 28.6 mm d2 Locking collar outside diameter 28.6 mm B2 Width locking collar 13.5 mm Cdyn Dynamic load rating 9.56 kN Co Static load rating 4.75 kN Pu Fatigue load limit 0.2 kN	Gs	Set screw	1/4-28 UNF inch
r3,4 Outside ring Chamfer dimension 0.6 mm B1 Width inner ring with locking collar 28.6 mm d2 Locking collar outside diameter 28.6 mm B2 Width locking collar 13.5 mm Cdyn Dynamic load rating 9.56 kN Co Static load rating 4.75 kN Pu Fatigue load limit 0.2 kN	SW	Hexagonal key size for set screw	3.175 mm
B1Width inner ring with locking collar28.6 mmd2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	r1,2	Inner ring Chamfer dimension	0.3 mm
d2Locking collar outside diameter28.6 mmB2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	r3,4	Outside ring Chamfer dimension	0.6 mm
B2Width locking collar13.5 mmCdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	B1	Width inner ring with locking collar	28.6 mm
CdynDynamic load rating9.56 kNCoStatic load rating4.75 kNPuFatigue load limit0.2 kN	d2	Locking collar outside diameter	28.6 mm
Co Static load rating 4.75 kN Pu Fatigue load limit 0.2 kN	B2	Width locking collar	13.5 mm
Pu Fatigue load limit 0.2 kN	Cdyn	Dynamic load rating	9.56 kN
	Со	Static load rating	4.75 kN
kg Mass 0.125 kg	Pu	Fatigue load limit	0.2 kN
···g	kg	Mass	0.125 kg



Sealing

bearings.

S SEAL / S SEAL (2S)

Single lip seal with the labyrinth between the sheet part and the rubber lip which conducts the contact sealing. The friction and speeds are the same as with RS but provides much better protection against the rough impurity particles. This 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 contact sealing which prevents penetration of finer

impurities, water, moisture, steam etc. Suitable for neutral conditions because of the presence of the foreign materials. It is used with the Y bearing (standard) and deep groove ball

