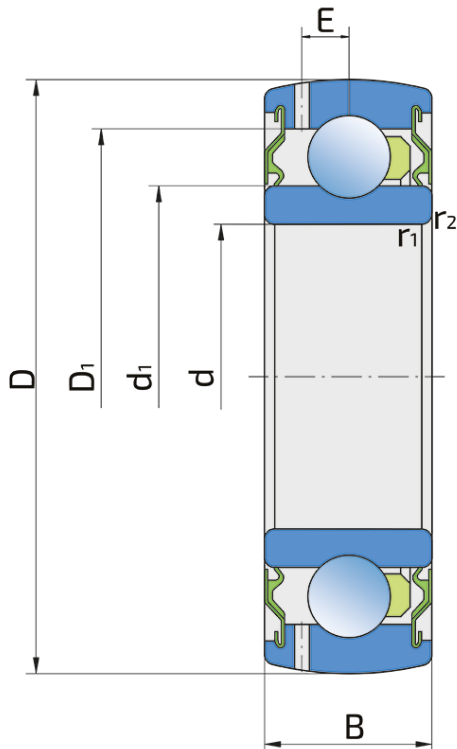


# Y-Ball Bearings With Standard Inner Ring

## US 310 2S

Y-Ball Bearings With Standard Inner Ring



### Technical Specification

d	Bore diameter	50 mm
D	Outside diameter	110 mm
B	Width inner ring	27 mm
d1	Outer diameter inner ring	68.7 mm
E	Distance from raceway centre to the hole for lubrication	7.7 mm
r1,2	Inner ring Chamfer dimension	2 mm
D1	Hole diameter	92.6 mm
C <sub>dyn</sub>	Dynamic load rating	61.8 kN
C <sub>o</sub>	Static load rating	38 kN
P <sub>u</sub>	Fatigue load limit	1.6 kN
kg	Mass	0.95 kg

## Sealing

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### 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 bearings.

