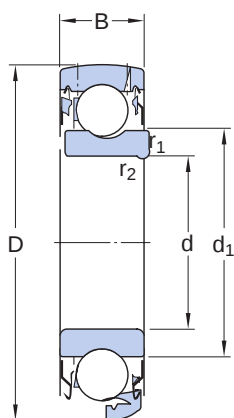


1726309 B-2RS1/VP274



Insert bearings are based on sealed deep groove ball bearings. These insert bearings are suitable for applications where smooth running is a key operational parameter. It can accommodate heavier axial loads than any other insert bearing. The bearings are sealed on both sides, made of sheet steel reinforced NBR, and are fitted in a recess on the outer ring and ride against the inner ring shoulder to act as contact seals.

- Smooth running
- Can accommodate heavy axial loads
- Sealed on both sides



Dimensions

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width of inner ring
d ₁	≈ 62.18 mm	Outside diameter of inner ring
r _{1,2}	min. 1.5 mm	Chamfer dimension of inner ring

Calculation data

Basic dynamic load rating	C	52.7 kN
Basic static load rating	C ₀	31.5 kN
Fatigue load limit	P _u	1.34 kN
Limiting speed		4 500 r/min
Calculation factor	f ₀	13

Associated products

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table 1, table 2
- Radial internal clearance: Standard inner ring, Other bearings

BEARING INTERFACES

- Shaft tolerances

AGA BEARINGS