The Timken Company
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Part Number 623-ZZ, Miniature Ball Bearings (600, 610, 620, 630)



Timken's deep groove ball bearings deliver reliable performance in a wide range of applications and conditions. With super-finished raceways and controlled geometries, our premium design helps ensure consistent quality.

Key Dimensions

Bore (d)	3 mm
Features	Shields
Bearing Type	Standard DGBB
O.D. (D)	10 mm
Width (B)	4 mm
Dynamic Radial Load Rating - 1M Revs (C1)	630 N

Other Dimensions

Radius Rs min	0.15 mm

Ratings

Static Radial Load Rating (C0)	220 N
Limiting Speed - Grease	66000 rpm
Limiting Speed - Oil	78000 rpm