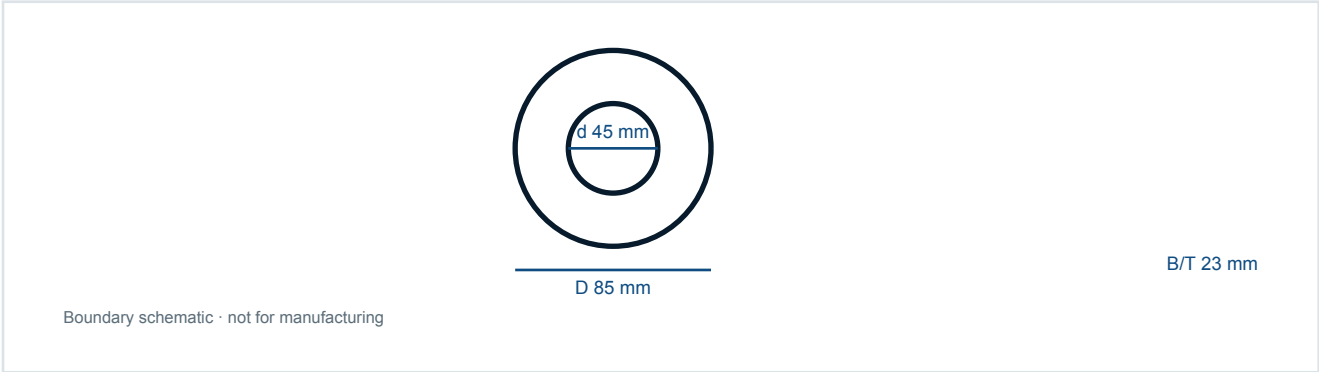


CONTROLLED RFQ DATASHEET

22209 Spherical Roller Bearing

22200 Series · Document status: RFQ BASELINE · PERFORMANCE VALUES REQUIRE MAINLAND ENGINEERING RELEASE



Field	Published RFQ baseline / release rule
Boundary dimensions	45 × 85 × 23 mm (d × D × B/T)
Reference mass	Released on the approved model drawing
Basic dynamic load C	Released for the approved internal design
Basic static load C0	Released for the approved internal design
Reference / limiting speed	Released after closure, cage and lubricant selection
Chamfer / abutment limits	Released on the approved model drawing
Precision	Normal class baseline; tighter limits by written agreement
Internal clearance	CN baseline; C3/C4 after application review
Seal / closure	Open baseline; sealed variants require a separate dimensional check
Cage	Pressed steel or machined brass by approved design
Lubrication	Preservative standard; operating grease or oil selected by duty

ORDERING CONFIGURATION

Available suffixes	C3 C4 K W33 steel cage brass cage
Ordering examples	22209 22209/C3 22209K/C3 22209K/W33/C3
Standard reference	ISO 15 boundary dimensions; ISO 492 tolerance framework
MOQ / lead time	From 50 pcs/model · 20-30 working days
Typical applications	Mining conveyors; crushers; screens; paper machinery; heavy gearboxes

DATA CONTROL NOTICE

Boundary dimensions are published for RFQ comparison. Mass, C, C0, speed, chamfers, exact tolerance limits and internal-clearance values are not universal commercial values. They are released only after Mainland confirms the internal design, closure, cage, lubricant and inspection scope. Do not use unreleased values for bearing-life, thermal-speed or shaft/housing calculations.