

C 4032-2CS5V/C3GEM9

CARB toroidal roller bearings are unique: as well as accommodating misalignment without increased stress levels, they also provide frictionless axial movement within the bearing in the non-locating position in self-aligning bearing arrangements. This bearing has a lower speed rating and is sealed to minimize the need for lubrication and extend service life.



- Accommodate misalignment and axial displacement within the bearing
- High radial load carrying capacity
- Provide frictionless axial movement
- Long bearing system life
- Sealed for increased reliability

Bore type		Cylindrical																								
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Calculation data

AGA performance class		AGA Explorer
Basic dynamic load rating	C	830 kN
Basic static load rating	C ₀	1 290 kN
Fatigue load limit	P _u	122 kN
Limiting speed		60 r/min
Misalignment factor	k ₁	0.093
Internal clearance factor	k ₂	0.126

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: Normal, P5, tapered bore 1:12, tapered bore 1:30
- Radial internal clearance: cylindrical bore, tapered bore

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit