



618/500 MA/C3

Deep groove ball bearing

Single row deep groove ball bearings are particularly versatile, have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types.

- Simple, versatile and robust design
- Low friction
- High-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance

Overview

Dimensions

Bore diameter	19.685 in
Outside diameter	24.409 in
Width	2.205 in

Performance

Basic dynamic load rating	74 637 lbf
Basic static load rating	139 382 lbf
Limiting speed	1 500 r/min
Reference speed	1 800 r/min

Properties

Bore type	Cylindrical
Cage	Machined metal
Coating	Without
Filling slots	Without
Locating feature, bearing outer ring	None
Lubricant	None
Matched arrangement	No
Material, bearing	Bearing steel
Number of rows	1
Radial internal clearance	C3
Relubrication feature	Without
Sealing	Without

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