



618/900 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 | 35.433 in |
| Outside diameter | 42.913 in |
| Width | 3.346 in |

Performance

| | |
|---------------------------|-------------|
| Basic dynamic load rating | 138 932 lbf |
| Basic static load rating | 359 694 lbf |
| Limiting speed | 700 r/min |
| Reference speed | 850 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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