

製品情報

Brass Ball Cage N502

Suitability

Brass ball cage with steel balls arranged in helical formation for use with guide bushes from the Mini Range.

- The »Mini Range« was specifically developed for the precision engineering and optical industries.
- Uses smaller balls than type N 501.
- Smaller installation space by the use in combination with guide bushes from the Mini Range.
- The helical arrangement of the balls is ideal for linear and rotary movements.



品目番号 5000254

技術データ

Features

- The ball chambers are mechanically caulked so that the balls remain captive but still move easily.
- The balls are arranged in an optimum formation so that each ball can run on its own track for both linear and rotary movements.
- The ball formation ensures smooth running and substantially lengthens the service life of the rotary stroke bearing.
- Brass offers high mechanical stability, optimum sliding properties, and high resistance to abrasion and heat.
- See catalog page 37-41 for instructions on installation and servicing.

| | |
|-----------------------------------|---------------------|
| material | Brass |
| material number | 2.0402 (CuZn40Pb2) |
| ball material | stainless steel |
| number of balls | 70 |
| C - Load rating (radial) | 60 |
| max. torque | 0.423 |
| ball arrangement | helical arrangement |
| constant working temperature | 150 |
| max. rotary speed, rotating shaft | 53670 |
| max. rotary speed, rotating bush | 40250 |

寸法

| | |
|-----------------------------------|----|
| shaft diameter (dw) - Mini | 6 |
| Inner diameter of guide bush (d1) | 8 |
| Length of ball cage (l2) | 20 |
| ball diameter (k) | 1 |

