

製品情報

Brass Ball Cage N501

Suitability

Brass ball cage with steel balls in a helical arrangement.

- Allows universal use.
- Provides an optimum combination of smooth running and long service life.
- The helical arrangement of the balls is ideal for linear and rotary movements.

For detailed information please select an item.



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.

品目番号 5001078

技術データ

| | |
|-----------------------------------|----------------------|
| material | Brass |
| material number | 2.0402 (CuZn40Pb2) |
| ball material | roller bearing steel |
| number of balls | 256 |
| C - Load rating (radial) | 8800 |
| max. torque | 112.2 |
| ball arrangement | helical arrangement |
| constant working temperature | 150 |
| max. acceleration, horizontal | 15 |
| max. acceleration, vertical | 11 |
| max. rotary speed, rotating shaft | 4320 |
| max. rotary speed, rotating bush | 3730 |

寸法

| | |
|-----------------------------------|----|
| shaft diameter (dw) | 63 |
| Inner diameter of guide bush (d1) | 73 |
| Length of ball cage (l2) | 88 |
| ball diameter (k) | 5 |

