

# 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 5000281

### 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	152
C - Load rating (radial)	520
max. torque	10.85
ball arrangement	helical arrangement
constant working temperature	150
max. rotary speed, rotating shaft	22000
max. rotary speed, rotating bush	18330

### 寸法

shaft diameter (dw) - Mini	20
Inner diameter of guide bush (d1)	24
Length of ball cage (l2)	50
ball diameter (k)	2

