# 产品信息

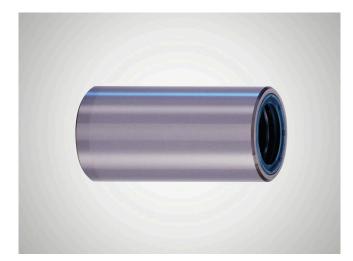
# Closed Guide Bush N553

#### 合适性

- Design as for N 550, with sealing and stop rings fixed on both sides.
- # When used in combination with shaft diameter dw ISO-h3, preloading of the rotary stroke bearing is guaranteed.
- # Guide bush N 553 is designed for use in dirty environments.
- # The sealing rings prevent any dirt particles from penetrating. (The rubbing action of the sealing rings on the shaft affects the smooth running of the rotary stroke bearing slightly.)
- # Secure path limitation for the ball cage is ensured.

#### 特征

- # Sealing and stop rings fixed on both sides.
- # The closed guide bush and integrated ball cage form a separate component. Guide bore diameter d1 is finely honed to ISO tolerance IT 3, Rz 0.5 # 1.5  $\mu$ m depending on diameter.
- #Roundness within 1/3 ISO-IT 3.
- # Cylindricity within IT 1.
- # Radial run-out of a shaft inserted under preloading is within 0.0005 mm.
- # Outside diameter dB n4 with radial run-out error within IT 4, ground to guide bore diameter d1, lead-in taper on one side.
- # The maximum stroke path Hmax of the rotary stroke bearing is determined from the length of guide bush I3 and the length of the ball cage I2: Hmax = 2 (I3-I2).
- # See catalog page 37-41 for instructions on installation and servicing.



物品号: 5009095

### 技术数据

| 12   | す料            | 钢                     |
|------|---------------|-----------------------|
| 权    | 材料编号          | 1.3505 (AISI E52 100) |
| te 扰 | 处理            | 通过硬化                  |
| e fi | <b>直定工作温度</b> | 100                   |

## 尺寸

| 轴直径 (dw)       | 20 |
|----------------|----|
| 导套内径 (d1)      | 26 |
| 含密封在内的导套长度 (L) | 49 |
| 导套长度 (I1/L)    | 49 |
| 导套内尺寸 (13)     | 36 |
| 导套外径 (dB)      | 32 |
| 外径公差           | n4 |
|                |    |

