

One-Way Needle Roller Bearing

35x42x30mm

This one-way needle roller bearing allows free rotation in a single direction while preventing reverse motion. It has a 35mm inner diameter, 42mm outer diameter, and 30mm width.



ADDITIONAL IMAGES



Overview

HFL3530 One-Way Needle Roller Bearing

The HFL3530 is a high-performance drawn cup one-way needle roller bearing designed for space-saving support in demanding industrial environments. It integrates two supporting needle bearings with a roller clutch within a single punched outer ring, allowing for efficient unidirectional rotation and radial load endurance. This robust component is ideal for applications requiring precise motion control, such as clutches, indexing mechanisms, and various conveying devices.

Technical Specifications

Dimensions

35 mm

Inner Diameter

42 mm

Outer Diameter

30 mm

Width

Construction Materials

ST14 Steel (Outer Ring), Plastic (Cage)

Configuration

Double row

Applications

Primary Use Cases

- Clutch release mechanisms
- Indexing mechanisms
- Backstopping devices
- Conveying and rolling devices

Suitable Industries

Agriculture, Mining, Food & Beverage, Pharmaceutical, Chemical Processing, Printing, Dyeing, Airport Systems, Air-conditioning, Light Textile