

A97L-0218-0385#70N-35

Industrial automation components

Manufacturer	Fanuc
Catalog number	a97l-0218-038570n-35
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	RV Reducer
Model	RV-70N-35.28
Robot Compatibility	Fanuc R-2000IB
Controller Compatibility	R30iA, R30iB
Shaft Type	Tapered (TPR)
Brake	Yes (BRK)
Keyed Shaft	Yes (Key)
Slick Shaft	Yes (SLK)
Mount Type	Flange (FLANGE)
Model Type	Straight (ST)
Encoder Type	Incremental (INC)

Description

The Fanuc A97L-0218-0385#70N-35 is a high-precision RV reducer designed for the fourth axis of Fanuc R-2000IB industrial robots. This component is integral to the robot's motion system, providing precise rotational control and enhancing overall performance. Key features include a tapered shaft (TPR) for secure fitting, a brake (BRK) for operational safety, a keyed shaft (Key) for added stability, and a slick shaft (SLK) to minimize friction and wear. The flange mount (FLANGE) design allows for versatile installation, while the straight (ST) model ensures efficient movement. Additionally, the incremental encoder (INC) offers precise position control, making it suitable for applications requiring accurate and repeatable movements. This RV reducer is part of the A97L-0218 product series and is compatible with Fanuc R-2000IB robots equipped with R30iA or R30iB controllers.