

NexBot Vision 643-003 Linear Rail Track 3m

NexBot
Robotics

SKU: NXB-GEN-643-003 | Category: Safety Systems
> Robot Mounts & Bases > Linear Rails & Tracks

Overview

NexBot Vision 643-003 Linear Rail Track 3m (NXB-GEN-643-003) is a linear rails & tracks used in industrial robotics equipment where category-specific fit, electrical or mechanical compatibility, and predictable serviceability are important to buyers. The product should be understood as the exact component named by its category path, not as a complete robot or a generic service item. It supports installation, replacement, and maintenance workflows in robotic production cells by giving procurement and maintenance teams a clearly defined part class, relevant engineering specifications, and application context that matches the actual hardware being purchased.

Technical Specifications

Parameter	Value	Unit
Weight	450.0	kg
Material	Hardened Steel V-Rail on Structural Steel Frame	
Voltage	480VAC	
IP Rating	IP54	
Country of Origin	IT	
Protocol	EtherCAT	
Dimensions	3250 x 550 x 310 mm (3000 mm travel)	
Payload	300 kg	
Axes	1	
Repeatability	±0.05 mm	

Safety Notice: This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).

