Small Cable Drag Chain Nylon Electrical Drag Chain Durability For CNC Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BNEE
- Certification: CE IS09001
- Model Number: ZQ ZF
- Minimum Order Quantity: 1
- Price: 10-60
- Packaging Details: cardboard box
- Delivery Time: 5-8 work day
- Payment Terms: T/T
- Supply Ability: 200 metres per day

Product Specification

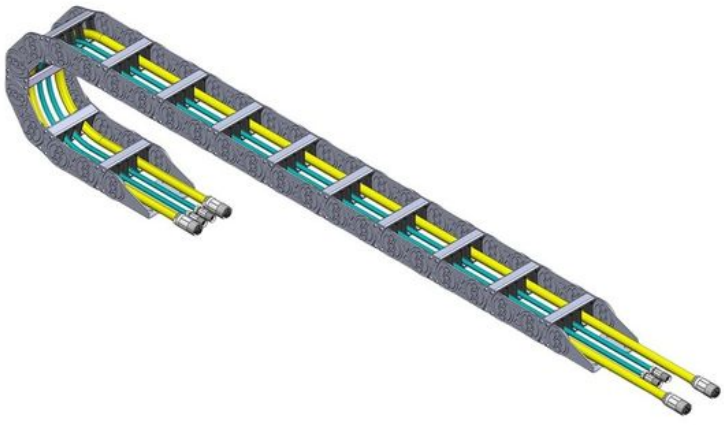
- Material: Steel Nylon
- Inner Height: 07mm-80mm
- Inner Width: 07mm-300mm
- Outer Height: 10mm-119mm
- Outer Width: 10mm-364mm
- Bending Radius: 18mm-300mm
- Highlight: **CNC Machine electrical drag chain**, **Durability drag chain for cnc**, **Durability electrical drag chain**

Product Description

Cable Drag Chains: A Comprehensive Guide to Industrial Cable Management
Introduction: Cable drag chains, widely recognized as cable carriers, are essential components in industrial machinery that facilitate the management and protection of cables, hoses, and tubing. These chains are designed to move in synchronization with the machinery, ensuring that the cables they encase remain safe and functional amidst dynamic conditions.
Classifications of Cable Drag Chains: Cable drag chains are categorized based on material, design, and the nature of their application, each serving specific industrial needs:
Material-Based Classification:
Steel Cable Drag Chains: Known for their high strength and durability, these chains are ideal for heavy-duty applications where resistance to impact and heavy loads is required.
Plastic Cable Drag Chains: Made from materials like polyamide or polyurethane, these chains offer lightweight solutions with good resistance to corrosion and wear.
Nylon Cable Drag Chains: These provide a balance of flexibility and wear resistance, suitable for applications that demand frequent bending and movement.
Design-Based Classification:
Open Design: Features a simple structure that allows for easy installation and better ventilation, with moderate protection against environmental factors.
Closed Design: Provides a fully enclosed environment for the cables, offering maximum protection against dust, water, and other contaminants.
Application-Based Classification:
Standard Duty Chains: Suitable for general use with average load requirements and less severe movement conditions.
Heavy Duty Chains: Built to withstand higher loads and more intense mechanical stress, often used in harsh environments.
Specialty Chains: May include designs for silent operation, high-speed applications, or specific resistance to environmental factors like high temperatures or chemicals.
Characteristics of Cable Drag Chains:
Flexibility: Allows for a wide range of motion without restricting the machinery's functionality.
Durability: Constructed to last in tough environments, reducing the need for frequent replacements.
Protection: Shields the enclosed cables from abrasion, impact, and environmental damage.
Customizability: Available in various sizes, shapes, and materials to fit specific machinery and application requirements.
Applications of Cable Drag Chains: Cable drag chains are used across a spectrum of industries to enhance the safety and efficiency of operations:
Automotive and Manufacturing: Protecting cables in assembly lines and robotic arms.
Machine Tools: Safeguarding control cables and hydraulic lines in CNC machines and milling equipment.
Medical Equipment: Ensuring the safe movement of cables in imaging devices and surgical tools.
Material Handling Systems: Protecting power and control cables in conveyor belts and automated systems.
Conclusion: Cable drag chains are a vital component in modern industrial operations, providing a reliable means of cable management that enhances both the safety and performance of machinery. Their diverse classifications allow them to be tailored to the specific demands of various environments, ensuring that cables remain protected and functional. As industries continue to evolve, the importance of cable drag chains in maintaining the integrity and efficiency of operations will remain paramount.

Type	Bending radius	inner height	inner width	outer height	outer width
ZQ3250	63 75 100 125 150 175 200 250 300	32	51	54	72
ZQ3262	63 75 100 125 150 175 200 250 300	32	62	54	90
ZQ3275	63 75 100 125 150 175 200 250 300	32	75	54	97
ZQ3287	63 75 100 125 150 175 200 250 300	32	87	54	109
ZQ32100	63 75 100 125 150 175 200 250 300	32	100	54	122
ZQ32112	63 75 100 125 150 175 200 250 300	32	112	54	134
ZQ32125	63 75 100 125 150 175 200 250 300	32	125	54	147
ZQ32137	63 75 100 125 150 175 200 250 300	32	137	54	159
ZQ32150	63 75 100 125 150 175 200 250 300	32	150	54	172
ZQ32162	63 75 100 125 150 175 200 250 300	32	162	54	184
ZQ32175	63 75 100 125 150 175 200 250 300	32	175	54	197

ZQ32187	63 75 100 125 150 175 200 250 300	32	187	54	197
ZQ32200	63 75 100 125 150 175 200 250 300	32	200	54	222
ZQ32225	63 75 100 125 150 175 200 250 300	32	225	54	247
ZQ32250	63 75 100 125 150 175 200 250 300	32	250	54	272



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