





About Us



- We at perpetual links provide cost effective solution for new business development of automotive and Industrial product.
- Established by Mr.G.Ramesh Kumar a techno commercial expert having 15 years of experience in Business Development and Administration in automotive and industrial sector.
- Strong team for procurement , Vendor management, and Administration
- Innate strength of our team helped us to emerge as prominent supplier and distributor of automotive and Industrial products.
- Highly experienced and trained professionals having in depth knowledge of the products and applications



About Us



Vision

MARATHON IN BUSINESS

Mission

SATISFYING YOU IS OUR STRATEGY



About Us



DONG BO

PERPETUAL LINKS

- Manufacturing chain products since 1962
- Guiding factory automation since early days of industrialization in Korea.
- First Korean chain company to get KS certificate.
- Manufacturing over 1500 types of power transmission chains.
- DBC products have been made using high quality steel materials, surface treatment, heat treatment, precise machining

- Established in 2017 and will be a sales partner for DONG BO in India
- Strong sales network that enable to cater customers across industry.
- PL's dedicated technical team will take care of the engineering calculations and result oriented solutions
- PL will explain about the FMEA for Design, process & quality of customer product by selecting proper chains from DONG BO



POWER TRANSMISSION CHAINS

Power Transmission chains



Single strand



Double strand



Triple strand

- Widely used throughout out the world for general purpose such as drive, shuttle traction and transmission operations.
- DongBo power transmission roller chain complies to ANSI, Korean and Japanese standards. A separate series is available for BS/DIN standards

POWER TRANSMISSION CHAINS

Power Transmission chains



Straight side plate chain

- The outer and inner plates are same in straight form, thickness and height
- Greater fatigue strength than standard series chain
- Can also be used for conveyors



Heavy Series roller chain

- Increased thickness of outer and inner link plate enhances the ultimate tensile strength and allowable load by 10%
- Specially processed pin holes of the **DongBo heavy series chain** minimizes the chain extension

LEAF CHAIN

Leaf Chain



- DongBo leaf chain consist of simple link plates held together by riveted pins
- Greater tensile strength and directional flexibility found its use in fork lift and lift trucks
- **Type A-** Standard series
- **Type B-** Heavy series

CONVEYOR CHAINS

Conveyor chain type by roller



R-Roller

- Outer diameter of roller is greater than height of link plate
- Used in slat and flight conveyor



F-Roller

- Has flange to prevent snaking
- Widely used in slat, slant bucket conveyor and Pan conveyor



S,M,N-Roller

- Outer diameter of roller is smaller than height of link plate
- Used in bucket elevator and flow conveyor

CONVEYOR CHAINS

Types of attachments

Types	Description
A	One side horizontal type
A1	One side horizontal type one hole
K	Both sides horizontal
K1	Both side horizontal one hole
SA	One side Vertical type
SA1	One side vertical type one hole
SK	Both sides vertical
SK1	Both side Vertical one hole

CONVEYOR CHAINS

Types of attachments

Types	Description
WA	Wide Contour type
WA	Wide contour one side horizontal type
WSA	Wide contour one side vertical type
WK	Wide contour both side
WSK	Wide contour both side vertical type
WA1	Wide contour one side horizontal type one hole
G1	One pin in link extended
G3	Both pin in link extended

CONVEYOR CHAINS

Types of attachments



S K Type

SK-Q Attachment



K Type



A Type



G-2 Attachment

GType



G-1 Attachment

SMALL PITCH CONVEYOR CHAIN

Small pitch conveyor chain



- Used for conveyors of short length (9 to 12m), up to 700 kg
- Generally used in less noise environment

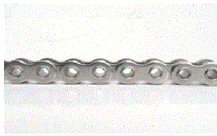
Types

- Standard attachment chain
- Double pitch chain
- Hollow pin chain

PRODUCT PORTFOLIO



Standard attachment



Hollow pin

LARGE PITCH CONVEYOR CHAIN

Large Pitch Conveyor Chain



The most commonly used conveyor chain in auto parts, electric and electronic industries

Types

- Bucket Elevator chain
- Wear resistant bucket elevator chain
- Ball bearing chain
- needle bearing chain
- Top and side roller conveyor chain
- Flow conveyor chain
- Case conveyor chain
- Block chain
- Deep Link Chain

LARGE PITCH CONVEYOR CHAIN

Bucket Elevator chain



- Designed for high speed bucket elevator with durable life and fatigue strength
- **DongBo wear resistant bucket elevator chain has guaranteed life of 2 times** more than its counter parts
- Applications:- Coal mining, Iron works and glass industries

DBC
DONGBO CHAIN

Top roller chain



Side roller chain




PERPETUAL LINKS

LARGE PITCH CONVEYOR CHAIN

Flow Conveyor Chain



- Use for conveying bulk materials which has high adhesiveness such as cement and grains like wheat.

Types

- NB type
- Slant and Vertical type

Case Conveyor Chain



LARGE PITCH CONVEYOR CHAIN

Deep Link chain



- Used for conveyance of hot rolled steel plate and section in steel mills.
- Automobile assembly line
- Container assembly line

Block Chain



- Greater impact resistance due to high rigidity
- Used for cooling high temperature steel bars and pushing red hot slabs and billets
- Application:- steel industry, shuttle traction, Vertical conveyance of sand

FREE FLOW CHAINS

Free Flow Chains



- Eliminate the possibility of conveying objects get damaged during accumulation
- Steel roller – Higher max allowable load and operating temperature
- Widely used in electrical, electronic and precision material manufacturers

Types

- Single pitch top roller chain
- Double pitch top roller chain
- Single pitch side roller chain
- Double pitch side roller chain
- Center roller chain
- Center roller chain with cover
- Double Plus Chain
- Double plus chain with snap cover

FREE FLOW CHAINS



Top roller



Side roller



Center roller



Features

- Hardened steel roller –automotive application
- Resin roller – Electronic industry
- Chain speed = speed of conveyed object

FREE FLOW CHAINS

Double Plus Chains



Seag cover type



Center cover type

- Mainly used in assembly lines where objects are conveyed in pallets.
- Double plus chain with snap covers prevents the jamming caused by parts falling in to the conveyor lines.

Advantages

- High speed conveying
- Improved stability
- Quick startup through standardized guide rails and sprockets
- Less Noise

SPECIALITY CHAIN

Specialty Chain

Lube free Chain



- Special oil impregnated sintered bushing and coated pin
- Up to 40 times longer service life
- No soiling of machinery and transported goods

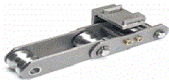
Application:- Food, Pharma, Electrical, packaging, paper processing, textile and automobile industry

Types

- Single strand
- Double strand

SPECIALITY CHAIN

Skid chain for automotive assembly line



Skid Chain



Slot Chain

- Mainly used for painting in automobile assembly lines
- Excellent precision
- Ability to with stand impact corrosion and abrasion

SPECIALITY CHAIN

Environment resistant Chain



- The chain is ideal for acidic and alkaline work environment

Side bow Chain



- The flexibility between pin and bush gives additional radius for curving.
- By applying attachments, it can be used as precision conveyor chain

SPECIALITY CHAIN

Marine Diesel engine chain



- Rotates the cam shaft axis
- High durability fatigue resistance and strength
- Compliance with British standard
- DongBo has the certificate for the chain from **Man**

Diesel and turbo (4th in the world)

DBC
DONGBO CHAIN

Timing Chain



- Used in camshaft of automotive engine
- Types:- Single and Double strand


PERPETUAL LINKS

SPECIALITY CHAIN

Agriculture Chain



- Attached to the driving gears of cultivators, trans planters, binders, bed former, power sprayer and reaper
- Rotavator chains are used in tractor where irregular impulses occur

O ring Chain



- Used in chemical plants, construction industry, packing, paper mill and car parking (tower and Puzzle)
- Two types of ring used
- Circular and X ring

SPECIALITY CHAIN



Detachable chain



Tenter chain



Escalator chain

- Flexible in usage by easy assembling and dismantling
- Enhance durability through unique heat treatment system.

- Used in textile industry post dyeing, heat treatment, high temperature drying and heat processing conveyance

- Special designed high precision conveyor chain for high stability and less noise.

SPECIALITY CHAIN



Sewage treatment chain

- 700 class Pintle chain can withstand corrosion and rust
- Long pitches and wide bottom surfaces are designed to withstand abrasion and corrosion.

DBC
DONGBO CHAIN



Trolley Chain

- Applications

Assembly lines- Automatic and electronic industries

Conveying lines - tyre, steel, textile and sanitary goods
Painting, plating and drying in all industries


PERPETUAL LINKS

SPROCKETS

Sprockets



Type A Plain Bore
(no hub extension)



Type B Plain Bore
(one-side hub extension)



Type C Plain Bore
(two-side hub extension)

CONTACT US

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