

D.I.D SINTERED BUSHING ROLLER CHIAN

特殊無給油合金燒結襯套滾子鏈條---免保養!!

<相關說明>

合金燒結襯套滾子鏈條是免維護保養的!!

非常適用於潤滑困難或是鏈條伸長頻率高的設備。

鏈條的襯套(Bushing)是由燒結合金製成的，

製造過程中加入潤滑油使其毛細孔中含油。

如有要求外觀清潔、不生鏽的條件下，

D.I.D 合金燒結襯套滾子鏈條鍍鎳(URN)系列是您最佳的選擇。

Roller Chains for Power Transmission **Ultimate Life Chain Series**

Sintered Bushing Roller Chain (UR/ URN)

Roller Chains for
Power Transmission

Ultimate Life
Chain Series



Maintenance free chains using sintered alloy bushings

Sintered bushing roller chain is maintenance-free chain suitable to a place where lubrication is difficult. It uses bushings made of a sintered alloy which impregnates lubricating oil.

For the use that requires clean appearance, rustless type (URN) is available.

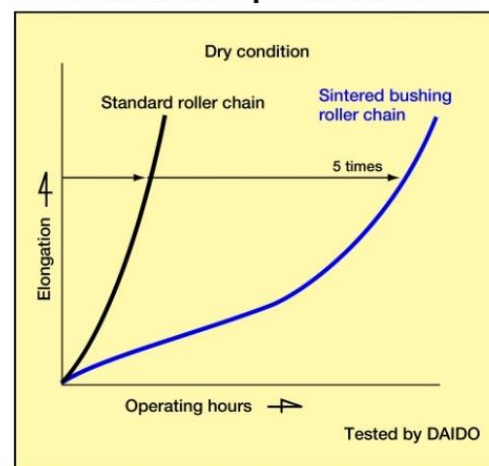
Recommended uses

- Circumstances where lubrication is difficult or elongation of chain frequently occurs.

Remarks for use

- Don't use this chain in dusty environments. In such environments, use O-ring chains.
- This chain is for the use under light or medium load. Use O-ring chain when a large impact is applied to a chain.
- Set the chain feeding speed at 150m/min. or lower.

Wear resistance performance





Tensile strength index **70%**

Temperature Range in Use **-10°C ~ 60°C**

FOOD

PACK

TEXTILE

PRINT

CONVEYOR

HOME APPLIANCE

D.I.D

Selection of chains

As for sintered bushing roller chains, the inner plates are thicker and the pins are longer than those of standard roller chains in order to compensate for the strength lowered by the use of sintered bushings.

For selecting a suitable chain, refer to "Selection of Chains" (P122~125). Use the tables of maximum kilowatt ratings for sintered bushing roller chains that cover low speed ranges (P76~79).

For sintered bushing roller chains, "Low-speed selection" cannot be used since the "Maximum allowable load" in the dimension table considers only the chain tensile tension and neglects the bushing strength.

Connecting links and offset links

For sintered bushing roller chain, RJ type connecting links are used for DID60 or smaller, and CJ type connecting links for DID80 or larger.

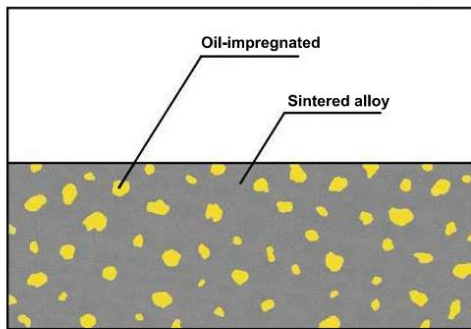
OJ can be used as offset links. Please place an order the connecting links and offset links specifying the type for sintered bushing roller chain.

In the tables of maximum kilowatt ratings, the strength of the connecting links and offset links are taken into account.

Sprockets

Standard sprockets can be used for sintered bushing roller chains.

Sectional view of sintered alloy



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