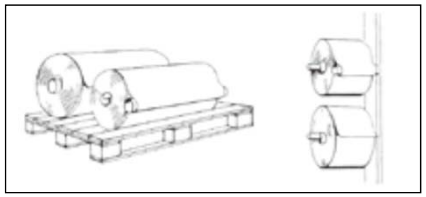
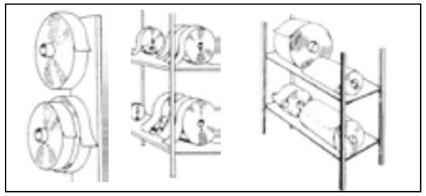
Right Storage Method

- When you store Extremultus Transilon, please select a place with dry air and low temperature.
- Please roll Extremultus Transilon to prevent from contacting with road surface.
- Please hang or put Extremultus Transilon on a rack or a table as shown in the figure.
- Although slight curvature in Extremultus Transilon may arise under the influence of humidity or heat, you can solve curvature by giving 0.2 - 0.4 % of tensile rate to obtain stable run.



TRANSILON

"Instruction for storing it for a long period as a spare belt" Please store it in a place with dry air and low temperature without unpacking our shipment package for safety. In addition, if long time storage is expected, please inform us in advance. We will ship a product attached with "STORE WITHOUT UNPACKING" label.



EXTREMULTUS

Maintenance

<Getting dirt out of a belt>
☆ Wipe off with lukewarm water.
☆ If it has heavy greasy dirt, wipe off with ethanol.

<Maintain a unit>
☆Please always keep a belt, drum, supporting roller, sliding table, etc. clean and without dirt.
☆Please sometimes spray lube oil on the leather surface of Extremultus 80.

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Ref.no. EF-16 03/'18

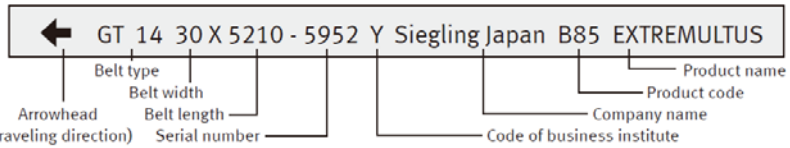
EXTREMULTUS TRANSILON

Operation manual

MOVEMENT SYSTEMS

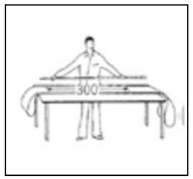
EXTREMULTUS

Display code of Extremultus

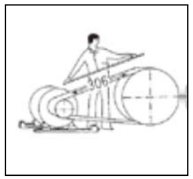


Extremultus Installation method

1. First, turn off a power source.
2. Then, loosen tension. At that time, coat a tension bolt with lube oil such as grease to prevent bolt cutting at the time of clinch.
3. Remove oil or foreign materials attached to a pulley.
4. Put the belt on a table, etc. and measure distance between set marks (If there is no set mark, incuse a set mark on the upper surface of the belt and measure to check. See Figure 1).
5. Set traveling direction of the belt according to an arrowhead on the belt surface and hang the belt to the pulley.



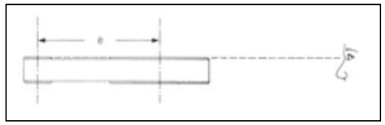
(Figure 1)



(Figure 2)

Tensile adjustment method

1. Operate under no-load condition with slight less tensile than normal first tensile rate (Ex. When ε=2.0%, about 1.0-1.5%).
2. After 20-30 minutes, stretch it to the level of normal tensile rate (Ex. ε=2.0%, distance between set marks is 306 mm). (Figure 2) At the same time, adjust a center core position to let the belt run at the center of the pulley.(Figure 3)


(Figure 3)

Standard tensile rate of the belt according to the various condition

Extremultus belt needs enough tensile to prevent slipping even at the maximum load.

● Standard tensile rate

Extremultus	Standard tensile force approx. [%]		
	Evenness load	Periodic load	Heavy impact load
Transmission belt 80/85	2.0	2.0 - 2.5	2.5 - 3.0
Transmission belt 81	0.8 - 1.0	1.0 - 1.5	1.5 - 1.8
Tangential belt 85	2.0 - 2.8	-	-
Tangential belt 82	1.0 - 1.5(max)	-	-
Folder, carrier belt 85 Layboy tape 85	Tensile rate not to be slipped		

(Note)
When you reinstall Extremultus belt removed before for maintenance or repair, be sure to set it at the same tensile rate. In order to do it, it is helpful to put a mark on a board or an installation table to indicate a motor position before removing the belt.

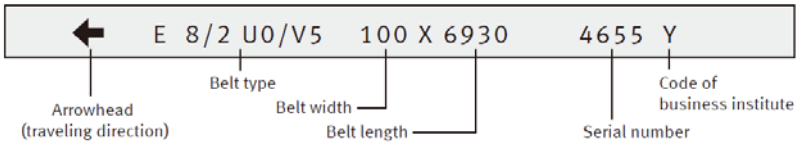
Check points in test-run

● When it does not run at the center of the pulley,
☆Spin finishing of the pulley is not good?

● When slippage occurs,
☆Tensile rate is not enough?

TRANSILON

Display code of Transilon



Before installing a belt,

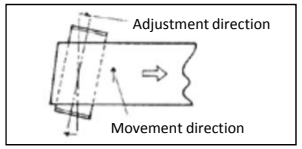
1. First, turn off a power source.
2. Then, loosen tension to the minimum distance with an adjustment unit of a conveyor.
3. Wipe off product leavings or oil attached on a table, drum, roller, etc.
4. Handle a belt without bending it forcedly.
5. Do not perform gas cutting or electric welding near the belt. It will cause damage to the belt. In the unavoidable case, put the cover on the belt.

Belt installation

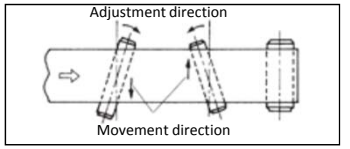
1. Install a belt according to the "traveling direction displaying mark".
2. Note: If there is a regular reverse, adapt a mark to the longer operation direction.

   "One-side approach" and "meandering" adjustment Stretch to the extent so that the belt is not slipped, and adjust according to the following.

● Adjustment with a tail pulley



● Adjustment with carrier roller



3. Stretch the belt again. (target of tensile rate)
   ● Case of knife edge run------Approx.0.2 - 0.4%
   ● Case of regular run---------Approx.0.2 - 0.8% *
   *It may be 1.2% if load is high.
   However, the ideal tensile rate is the level of which slip does not occur at the total load.

Check points in test-run

● If the belt is running with its edge rasped with the flame,
☆ Alignment of the pulley is not suitable?

● The belt is slipped.
☆ The tensile rate is not enough?